

High level overview of sample objects in object architecture

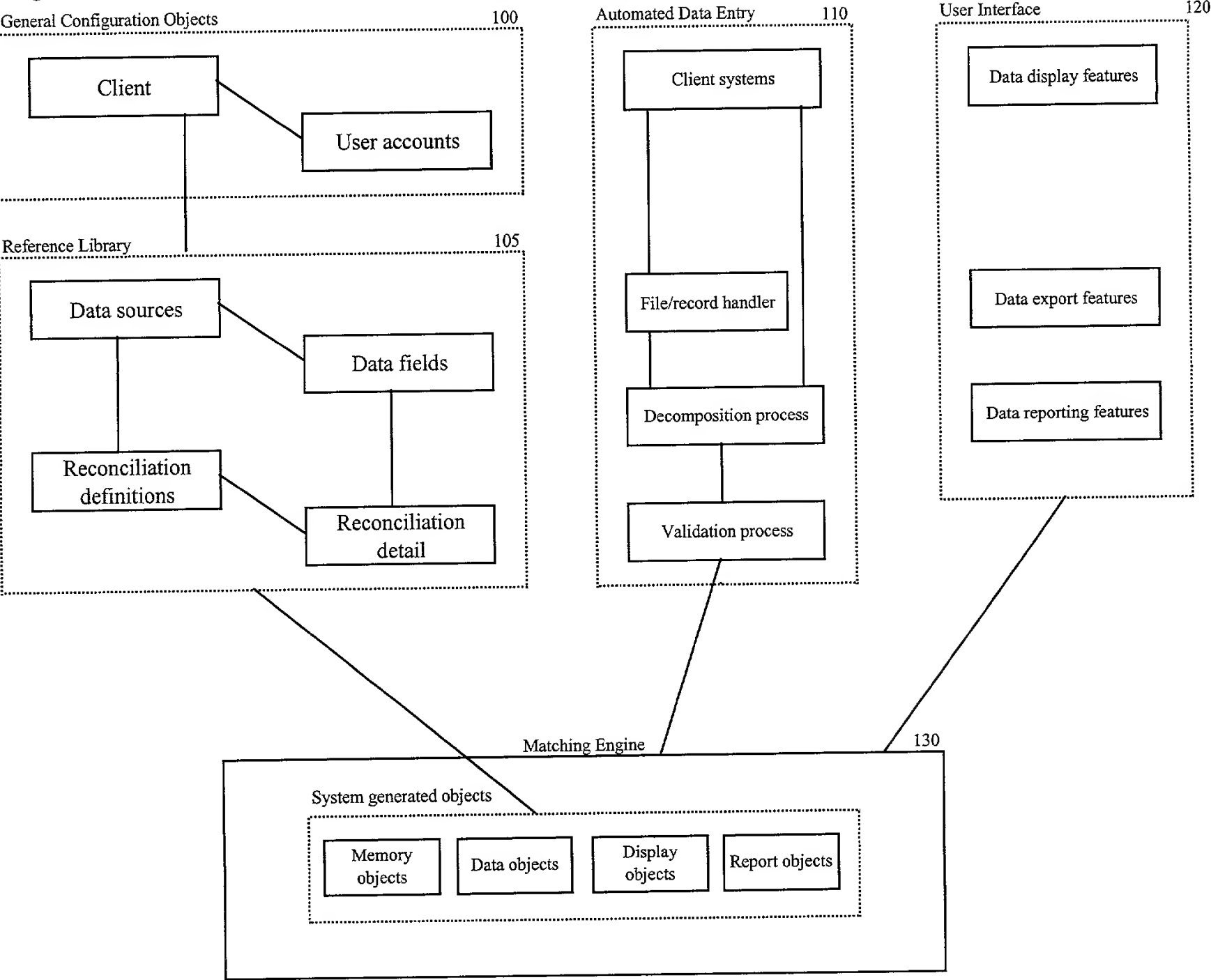


FIG. 1

TECHNOLOGY BUILD
KEY TASKS FOR ARCHITECTING NEW BUSINESS SOLUTION

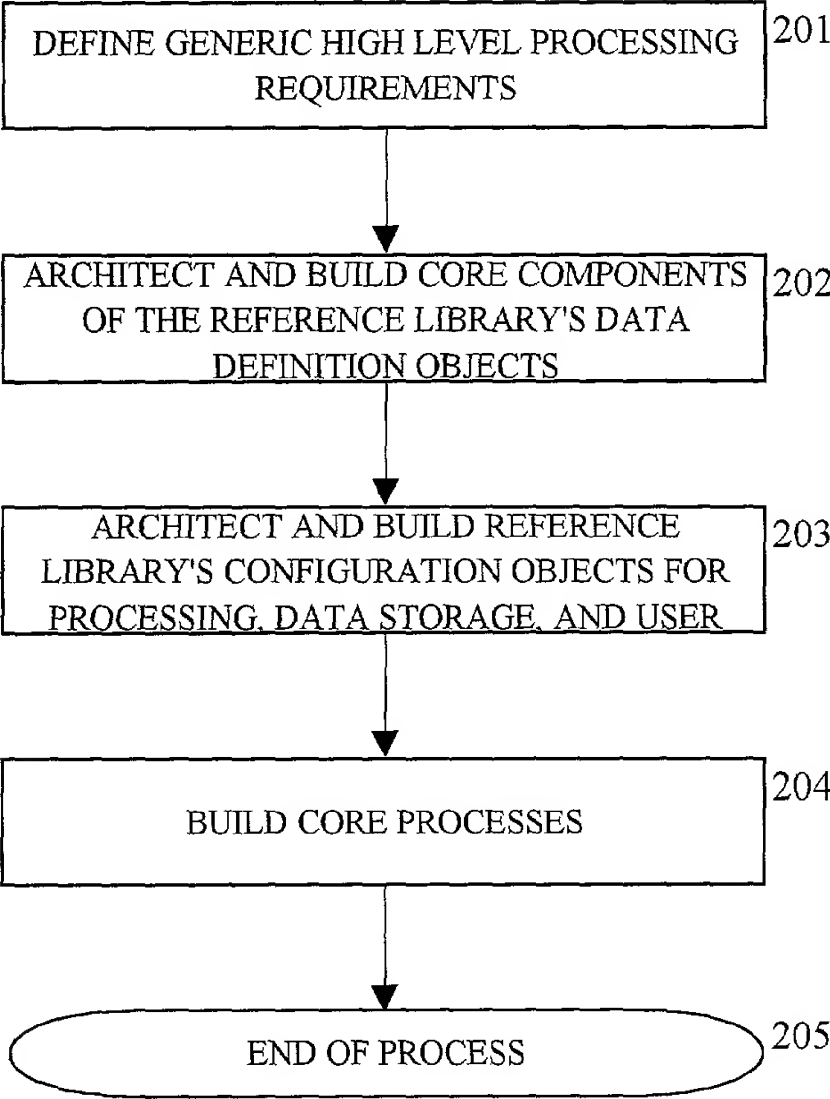


FIG. 2

**USER APPLICATION PROCESSING
KEY TASKS FOR CONFIGURING APPLICATION PROCESSING**

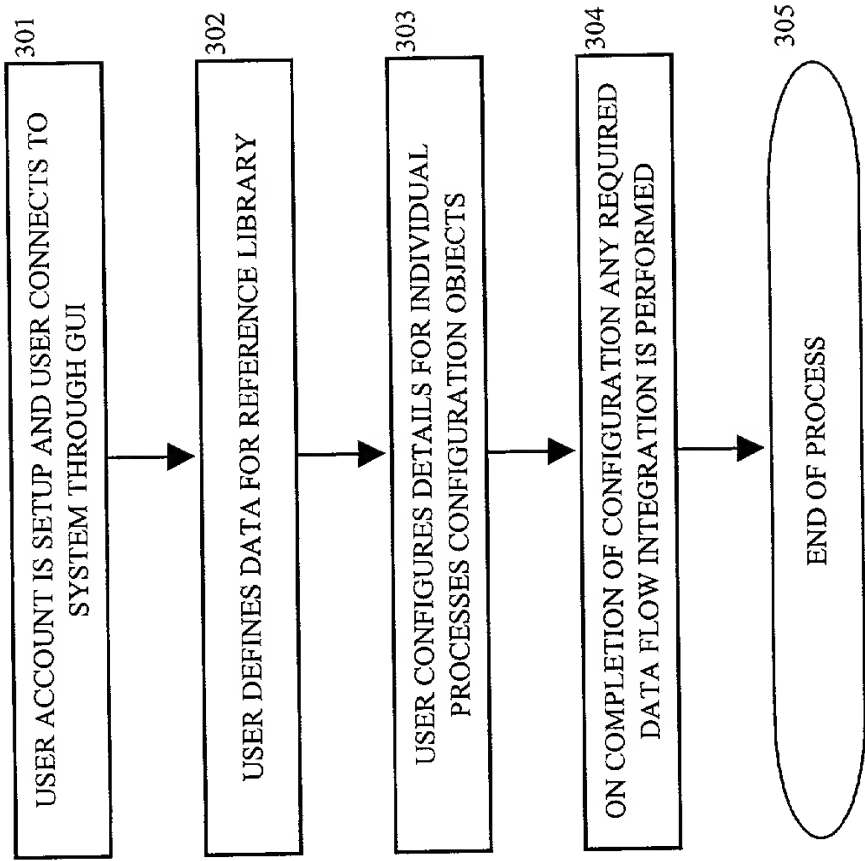


FIG. 3

**AUTOMATED DATA PROCESSING
INITIAL DATA RECEIPT/EXTRACTION AND PROCESSING**

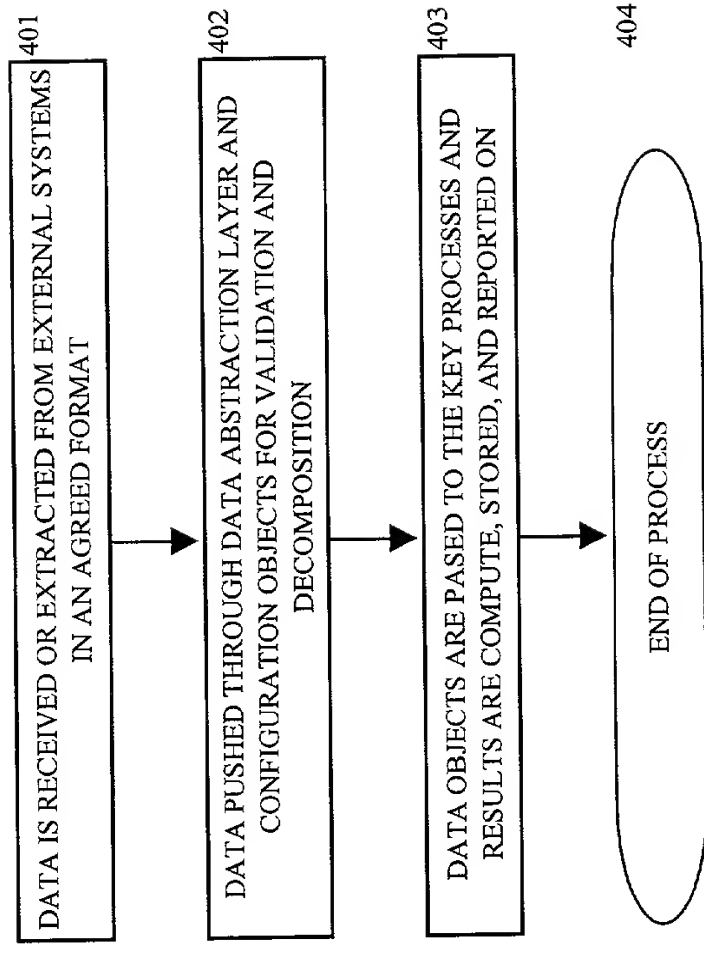


FIG. 4

USER APPLICATION PROCESSING
STANDARD USER INTERACTION PROCESS

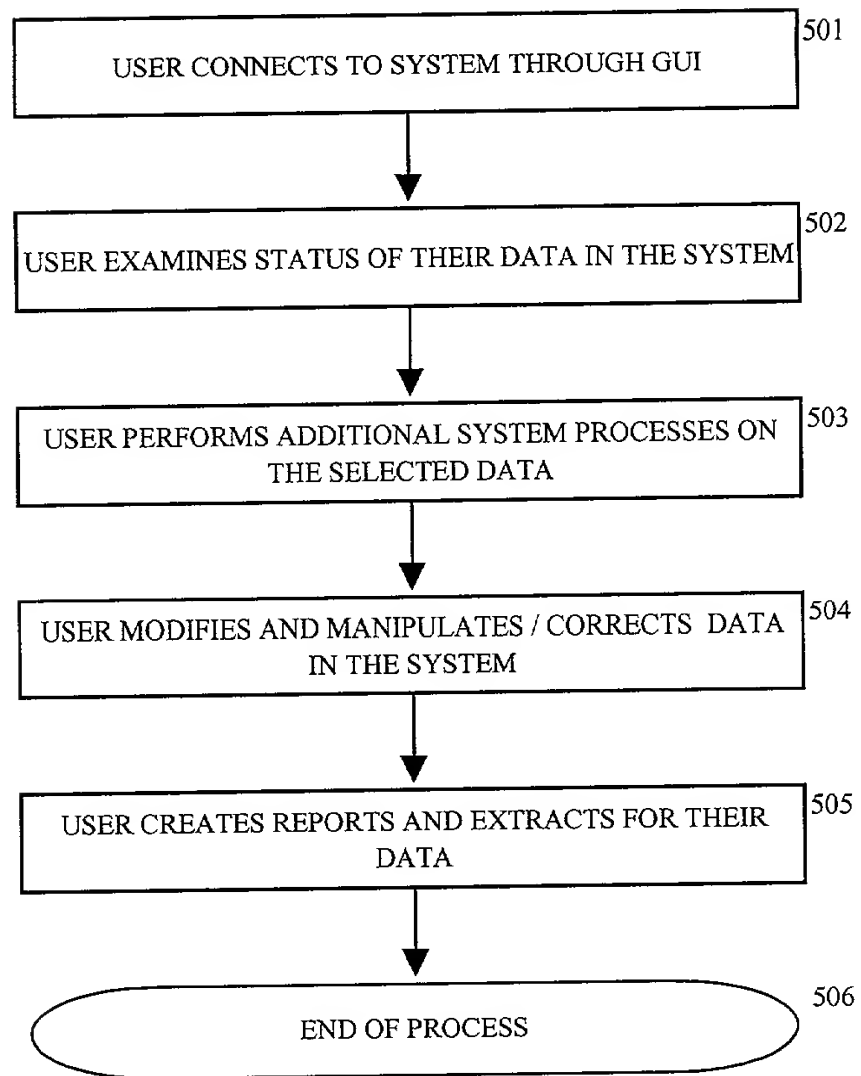


FIG. 5

Reconciliation Manager business process overview

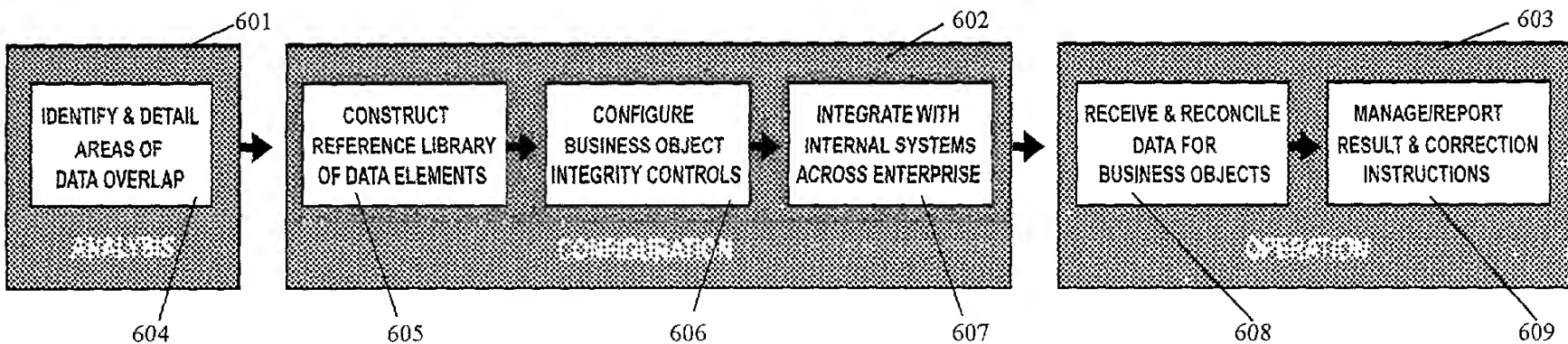


FIG. 6a

Reconciliation Manager operation overview

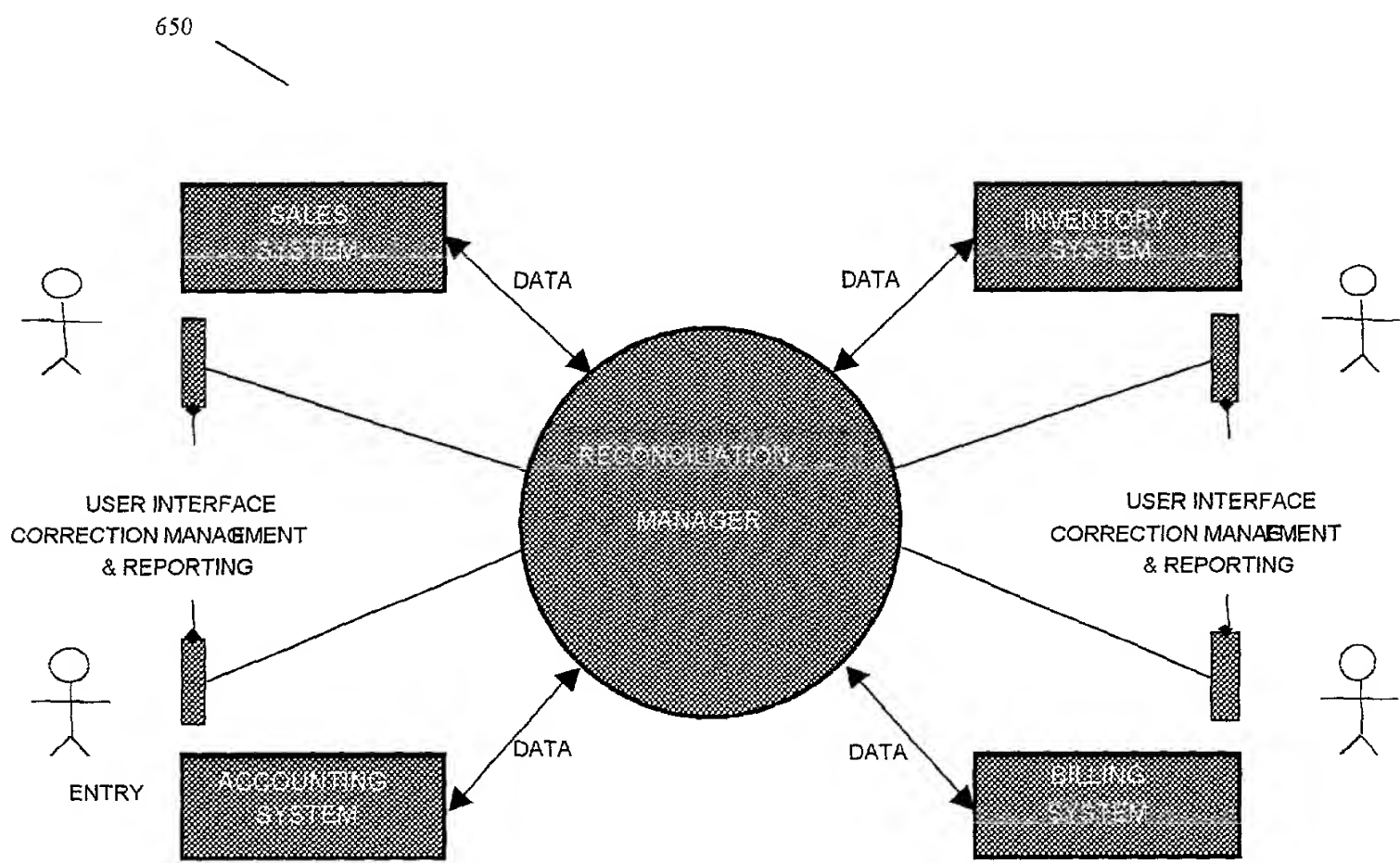


FIG. 6b

**RECONCILIATION MANAGER
APPLICATION CONFIGURATION PROCESSES**

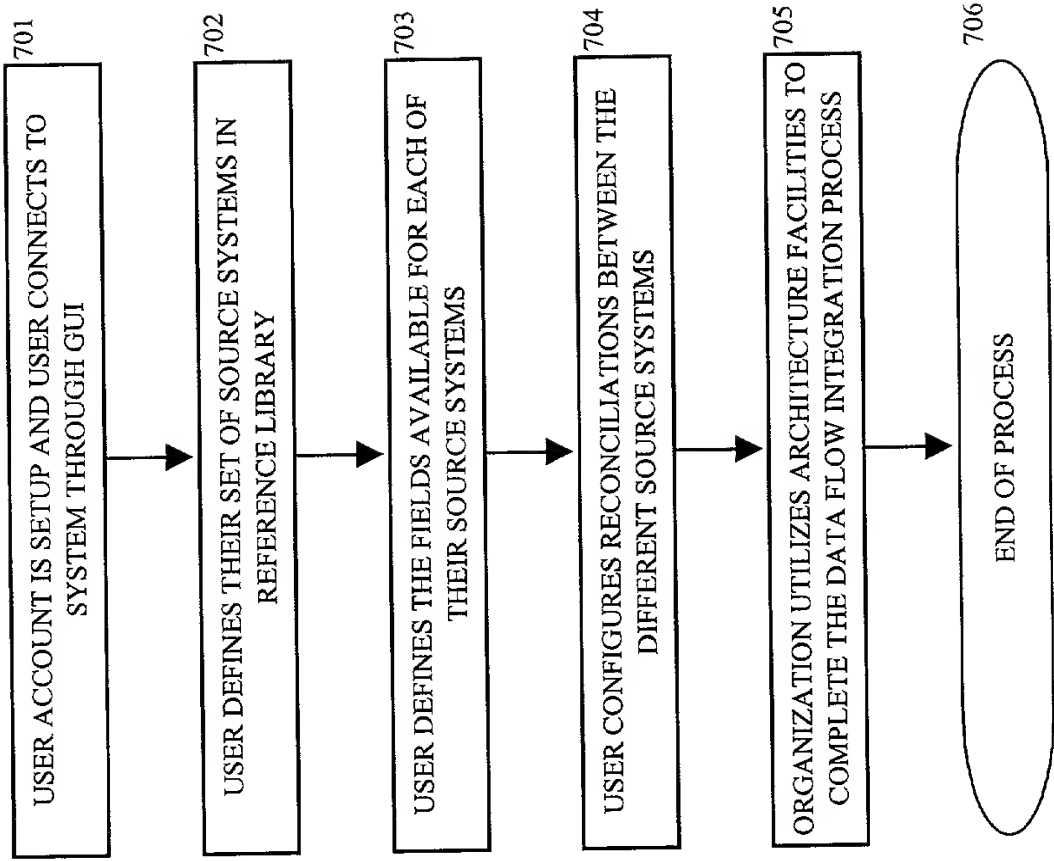


FIG. 7

**AUTOMATED DATA PROCESSING
RECONCILIATION MANAGER DATA RECEIPT/EXTRACTION AND PROCESSING**

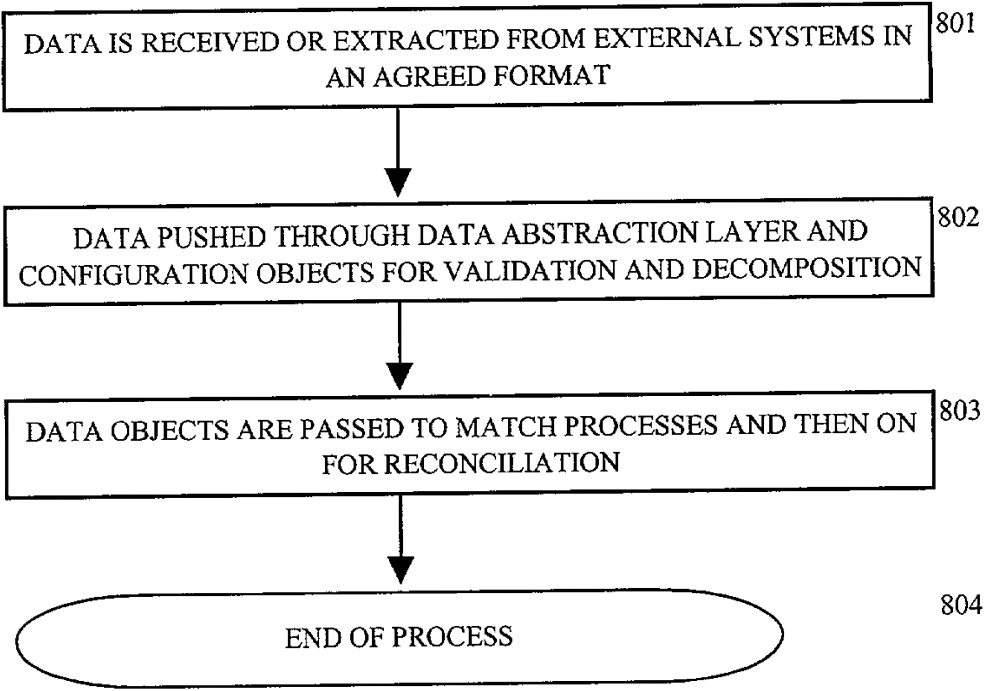


FIG. 8

USER APPLICATION PROCESSING
RECONCILIATION MANAGER USER INTERACTION PROCESS

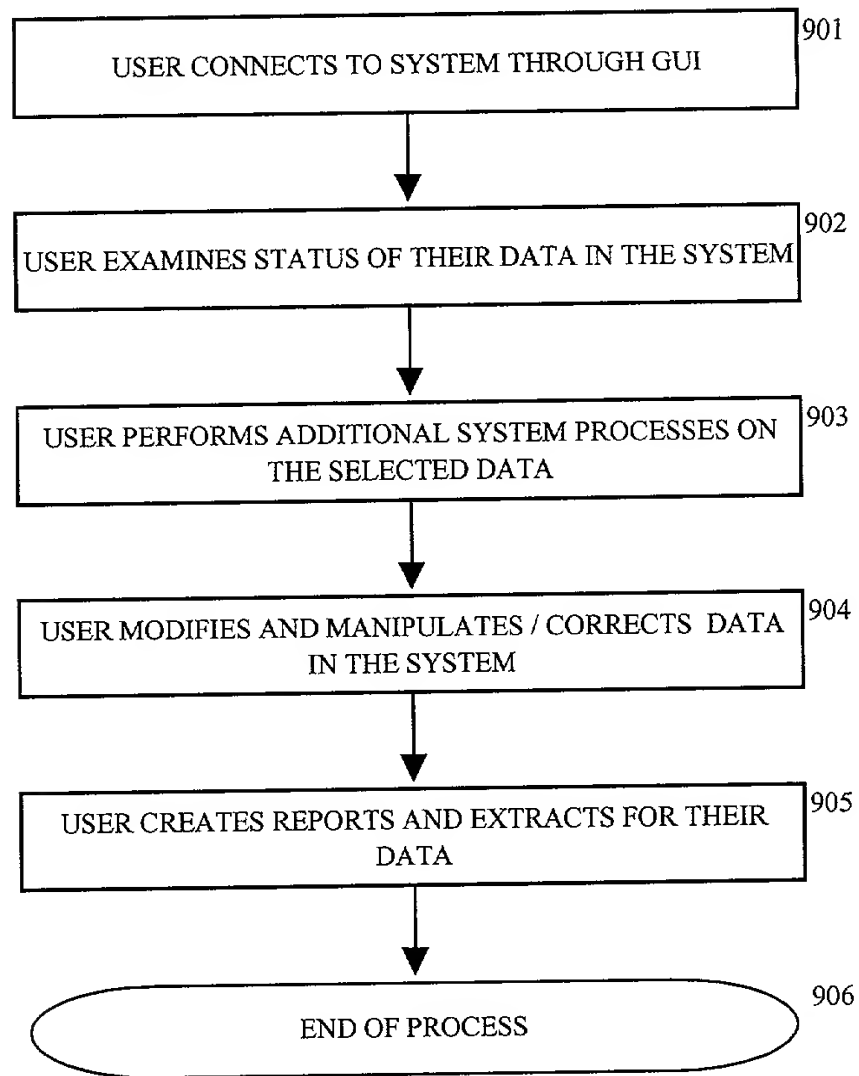


FIG. 9

HIGH LEVEL IN MEMORY OBJECT MODEL

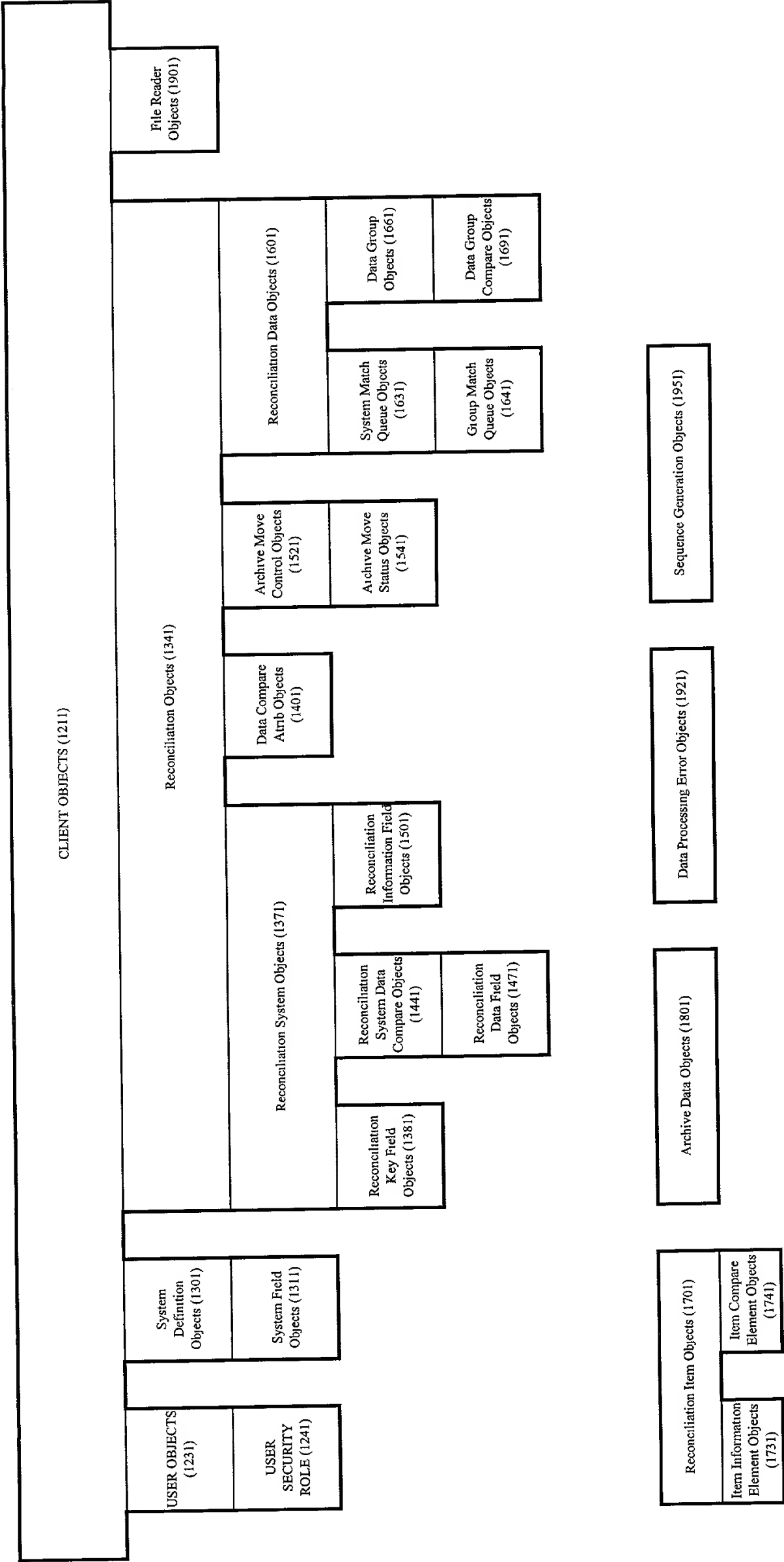


FIG. 10

USER INTERFACE ADAPTER PROGRAMS

ADAPTER PROGRAM NAME	ADAPTER PROGRAM DESCRIPTION	RELATED IN MEMORY OBJECTS
1101 RHCLDISCLAIMFORM JSP	PRODUCT LEGAL NOTICE DISPLAY INTERFACE	NONE
1102 RHLOGIN JSP	USER LOGIN PROGRAM INTERFACE	CLIENT & USER
1103 RHMAIN.JSP	APPLICATION MAIN DISPLAY INTERFACE	VARIED
1104 RHMAINPROC JSP	APPLICATION MAIN PROGRAM INTERFACE	VARIED
1105 RHCLIENTFORM JSP	CLIENT OBJECT ADAPTER PROGRAMS	CLIENT
1106 RHCLIENTPRMDTLFORM.JSP	PRIMARY DETAILS DISPLAY / PROGRAM INTERFACE	CLIENT
1107 RHCLIENTSECDTLFORM.JSP	SECONDARY DETAILS DISPLAY / PROGRAM INTERFACE	CLIENT
1108 RHCLIENTNAMEFORM.JSP	NAME MODIFICATION INTERFACE	CLIENT
1109 RHCLIENTHEADERFORM JSP	HEADER MODIFICATION INTERFACE	CLIENT
1110 RHCLIENTCLDIRSFORM JSP	CLIENT SIDE DIRECTORIES MODIFICATION INTERFACE	CLIENT
1111 RHCLIENTSRVDIRSFORM JSP	SERVER SIDE DIRECTORIES MODIFICATION INTERFACE	CLIENT
1112 RHCLUSERFORM JSP	USER AND USER SECURITY OBJECT ADAPTER PROGRAMS	USER
1113 RHUSERFORM JSP	USER DETAILS DISPLAY / PROGRAM INTERFACE	USER
1114 RHUSERPREFSFORM.JSP	USER PREFERENCES DISPLAY / PROGRAM INTERFACE	USER
1115 RHUSERADDCHNGFORM JSP	USER ADD / MODIFICATION INTERFACE	USER
1116 RHUSERSECROLEFORM.JSP	USER SECURITY DISPLAY / CHANGE MODIFICATION INTERFACE	USER SECURITY ROLE
1117 RHCLSYSFORM JSP	SYSTEM AND SYSTEM FIELDS OBJECT ADAPTER PROGRAMS	SYSTEM
1118 RHSYSFORM JSP	SYSTEM DISPLAY / PROGRAM INTERFACE	SYSTEM
1119 RHSYSADDFORM JSP	SYSTEM ADD INTERFACE	SYSTEM
1120 RHSYSFLDFORM JSP	SYSTEM FIELD DISPLAY / PROGRAM INTERFACE	SYSTEM FIELD
1121 RHSYSFLDADDFORM.JSP	SYSTEM FIELD ADD INTERFACE	SYSTEM FIELD
1122 RHCLRECFORM JSP	RECONCILIATION AND RECONCILIATION SUB OBJECT ADAPTER PROGRAM	RECONCILIATION
1123 RHCLRECPROC JSP	RECONCILIATION PROGRAM INTERFACE	RECONCILIATION
1124 RHRECFORM.JSP	RECONCILIATION DISPLAY / PROGRAM INTERFACE	RECONCILIATION
1125 RHRECADDFORM.JSP	RECONCILIATION ADD INTERFACE	RECONCILIATION
1126 RHRECSYSFORM JSP	RECONCILIATION SYSTEM DISPLAY / PROGRAM INTERFACE	RECONCILIATION SYSTEM
1127 RHRECSYSADDFORM JSP	RECONCILIATION SYSTEM ADD INTERFACE	RECONCILIATION SYSTEM
1128 RHRECKEYFORM.JSP	RECONCILIATION KEY FIELD DISPLAY / PROGRAM INTERFACE	RECONCILIATION KEY FIELD
1129 RHRECKEYADDFORM.JSP	RECONCILIATION KEY FIELD ADD INTERFACE	RECONCILIATION KEY FIELD
1130 RHRECDATFORM JSP	RECONCILIATION DATA DEFINITION DISPLAY / PROGRAM INTERFACE	RECONCILIATION DATA COMPARE & DATA COMPARE ATRIB
1131 RHRECDATCMPFORM JSP	RECONCILIATION DATA DEFINITION ADD / MODIFICATION INTERFACE	RECONCILIATION DATA COMPARE & DATA COMPARE ATRIB
1132 RHRECDATFLDADDFORM JSP	RECONCILIATION DATA FIELD ADD INTERFACE	RECONCILIATION DATA FIELD
1133 RHRECINFORM JSP	RECONCILIATION INFORMATION DISPLAY / PROGRAM INTERFACE	RECONCILIATION INFORMATION FIELD
1134 RHRECINFADDFORM JSP	RECONCILIATION INFORMATION ADD INTERFACE	RECONCILIATION INFORMATION FIELD
1135 RHRECARCHFORM.JSP	RECONCILIATION ARCHIVE CONTROL DISPLAY / PROGRAM INTERFACE	ARCHIVE MOVE CONTROL & ARCHIVE MOVE STATUS
1136 RHRECARCHADDFORM JSP	RECONCILIATION ARCHIVE CONTROL ADD INTERFACE	ARCHIVE MOVE CONTROL
1137 RHRECARCHSTATADDFORM JSP	RECONCILIATION ARCHIVE STATUS ADD INTERFACE	ARCHIVE MOVE STATUS
1138 RHRECOPTFORM.JSP	RECONCILIATION OPTIONS DISPLAY / PROGRAM INTERFACE	RECONCILIATION
1139 RHCLDATFORM.JSP	RECONCILIATION DATA ADAPTER PROGRAMS	RECONCILIATION DATA OBJECTS
1140 RHCLDATPROC.JSP	RECONCILIATION DATA PROGRAM INTERFACE	RECONCILIATION DATA OBJECTS
1141 RHDATRECFORM JSP	RECONCILIATION DATA DISPLAY / PROGRAM INTERFACE	RECONCILIATION DATA OBJECTS
1142 RHDATRECPROC JSP	RECONCILIATION DATA PROGRAM INTERFACE	RECONCILIATION DATA OBJECTS
1143 RHGRPDETAILFORM JSP	RECONCILIATION DATA DETAIL DISPLAY INTERFACE	RECONCILIATION DATA OBJECTS
1144 RHDATFLTRFORM JSP	RECONCILIATION DATA FILTER INTERFACE	RECONCILIATION DATA OBJECTS
1145 RHDATSTATFORM JSP	RECONCILIATION DATA STATUS DISPLAY INTERFACE	RECONCILIATION DATA OBJECTS
1146 RHCLRPTFORM JSP	RECONCILIATION REPORT ADAPTER PROGRAMS	RECONCILIATION DATA OBJECTS
1147 RHRPTEXFORM JSP	RECONCILIATION REPORT EXPORT PROGRAM INTERFACE	RECONCILIATION DATA OBJECTS
1148 RHRPTRECFORM.JSP	RECONCILIATION REPORT DISPLAY / PROGRAM INTERFACE	RECONCILIATION DATA OBJECTS
1149 RHRPTFLTRFORM JSP	RECONCILIATION REPORT FILTER INTERFACE	RECONCILIATION DATA OBJECTS
1150 RHRPTSTATFORM JSP	RECONCILIATION REPORT STATUS DISPLAY INTERFACE	RECONCILIATION DATA OBJECTS
1151 RHCLARCHFORM.JSP	ARCHIVE DATA ADAPTER PROGRAMS	ARCHIVE DATA
1152 RHDATARCHFORM JSP	ARCHIVE DATA DISPLAY INTERFACE	ARCHIVE DATA
1153 RHDATARCHPROC JSP	ARCHIVE DATA PROGRAM INTERFACE	ARCHIVE DATA
1154 RHDATARCHGRPDETAILFORM JSP	ARCHIVE DATA DETAIL DISPLAY INTERFACE	ARCHIVE DATA
1155 RHARCHSTATFORM JSP	ARCHIVE DATA STATUS DISPLAY INTERFACE	ARCHIVE DATA
1156 RHCLDATPROCERRORSFORM JSP	DATA PROCESSING ERRORS ADAPTER PROGRAMS	DATA PROCESSING ERRORS
1157 RHDATPROCERRORSFORM.JSP	DATA PROCESSING ERRORS DISPLAY / PROGRAM INTERFACE	DATA PROCESSING ERRORS
1158 RHCLFRDRFORM JSP	FILE READER ADAPTER PROGRAMS	FILE READER
1159 RHCLFRDRPROC JSP	FILE READER PROGRAM INTERFACE	FILE READER
1160 RHFRDRFORM.JSP	FILE READER DISPLAY INTERFACE	FILE READER
1161 RHFRDRADDFORM.JSP	FILE READER ADD INTERFACE	FILE READER
1162 RHCLARCHGRPMVECNTRFORM JS	ARCHIVE MOVE CONTROL ADAPTER PROGRAMS	ARCHIVE MOVE CONTROL
1163 RHCLARCHGRPMVECNTRPROC.JS	ARCHIVE MOVE CONTROL PROGRAM INTERFACE	ARCHIVE MOVE CONTROL
1164 RHARCHGRPMVECNTRFORM JSP	ARCHIVE MOVE CONTROL DISPLAY INTERFACE	ARCHIVE MOVE CONTROL
1165 RHCLABOUTFORM JSP	PRODUCT INFORMATION DISPLAY INTERFACE	NONE
1166 RHJAVADOC JSP	SYSTEM DOCUMENTATION INTERFACE	NONE
1167 RHCONTEXTHELFORM JSP	APPLICATION CONTEXT HELP DISPLAY / PROGRAM INTERFACE	CONTEXT HELP
1168 RHCOMMONMETHODS JSP	APPLICATION SHARED METHODS PROGRAM INTERFACE	VARIED
1169 RHCOMMONSCRIPTS JSP	APPLICATION SHARED SCRIPTS PROGRAM INTERFACE	NONE
1170 RHCOMMONSTYLES.CSS	APPLICATION SHARED SCREEN FORMATTING CODES	NONE

FIG. 11

IN MEMORY BASE, CLIENT, USER, AND SECURITY OBJECTS

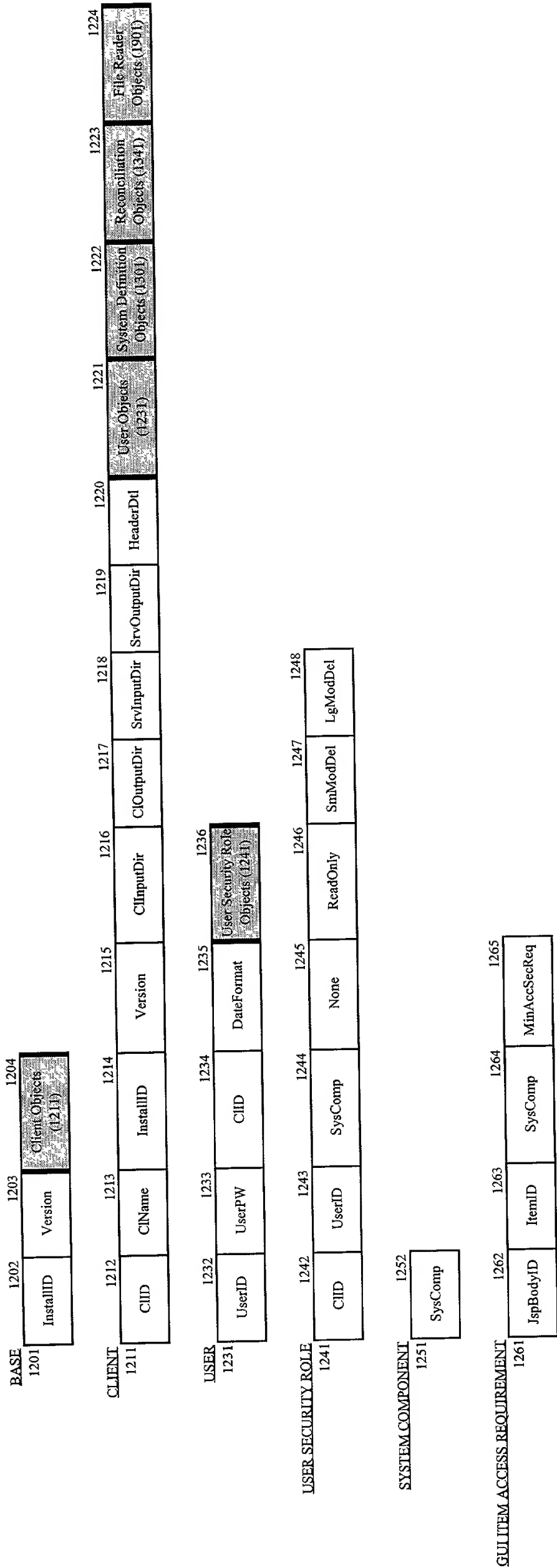


FIG. 12

IN MEMORY REFERENCE LIBRARY OBJECTS

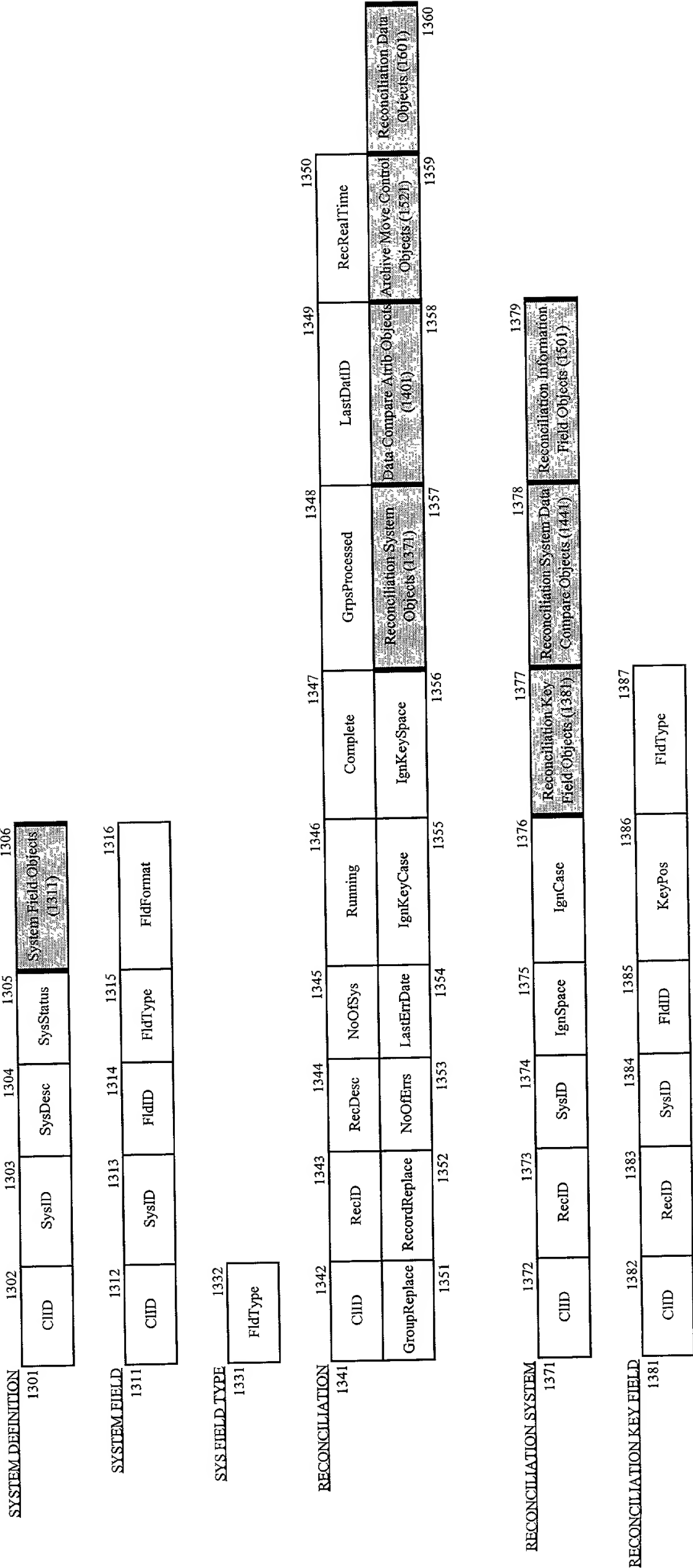


FIG. 13

IN MEMORY REFERENCE LIBRARY OBJECTS

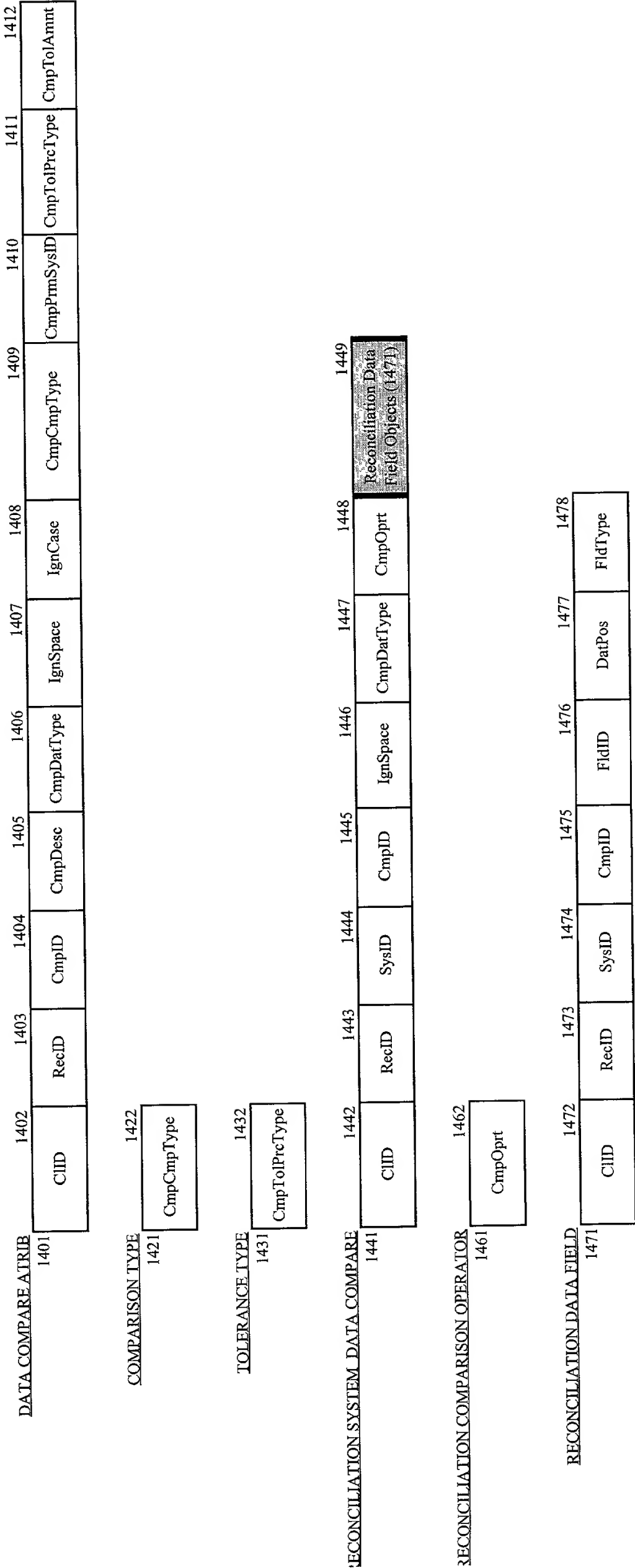


FIG. 14

IN MEMORY REFERENCE LIBRARY OBJECTS

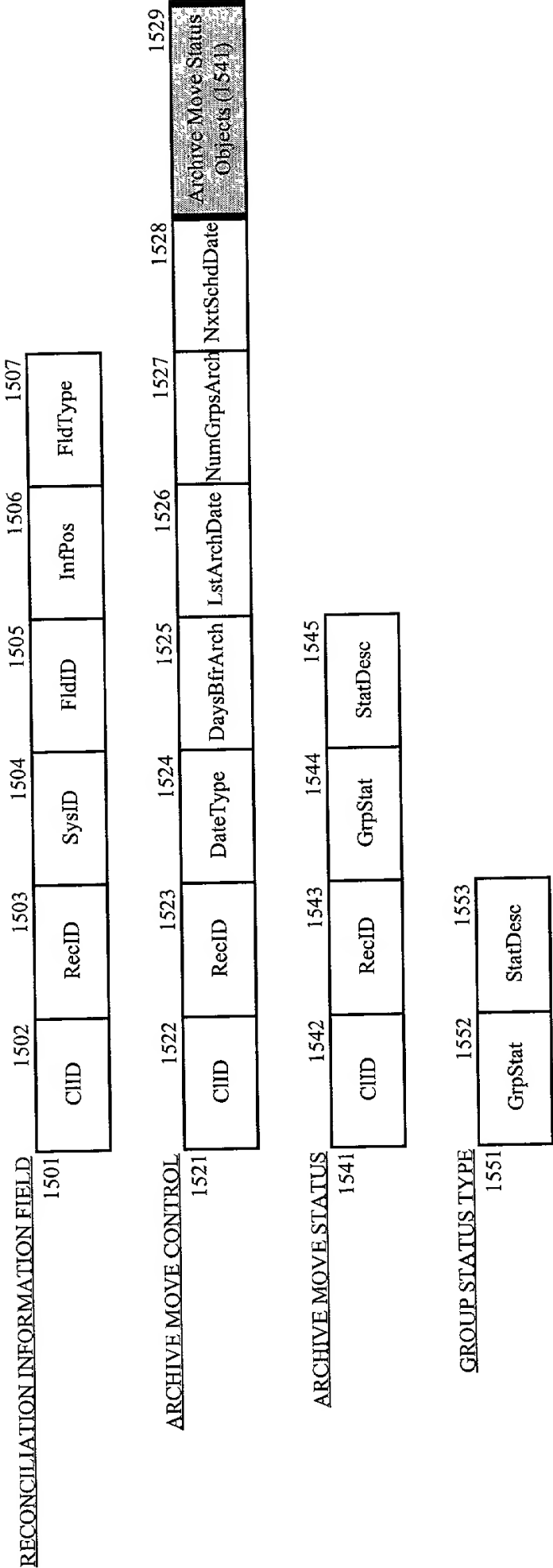


FIG. 15

IN MEMORY RECONCILIATION DATA MANIPULATION OBJECTS

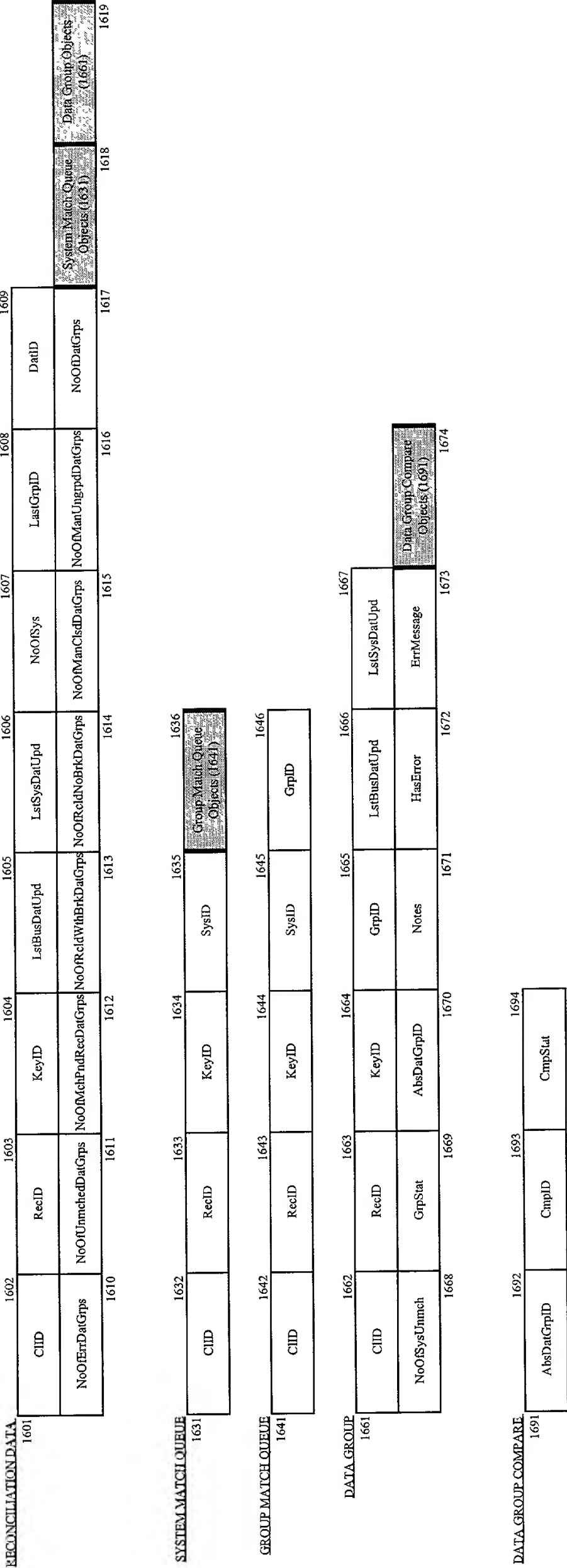


FIG. 16

IN MEMORY RECONCILIATION DATA MANIPULATION OBJECTS

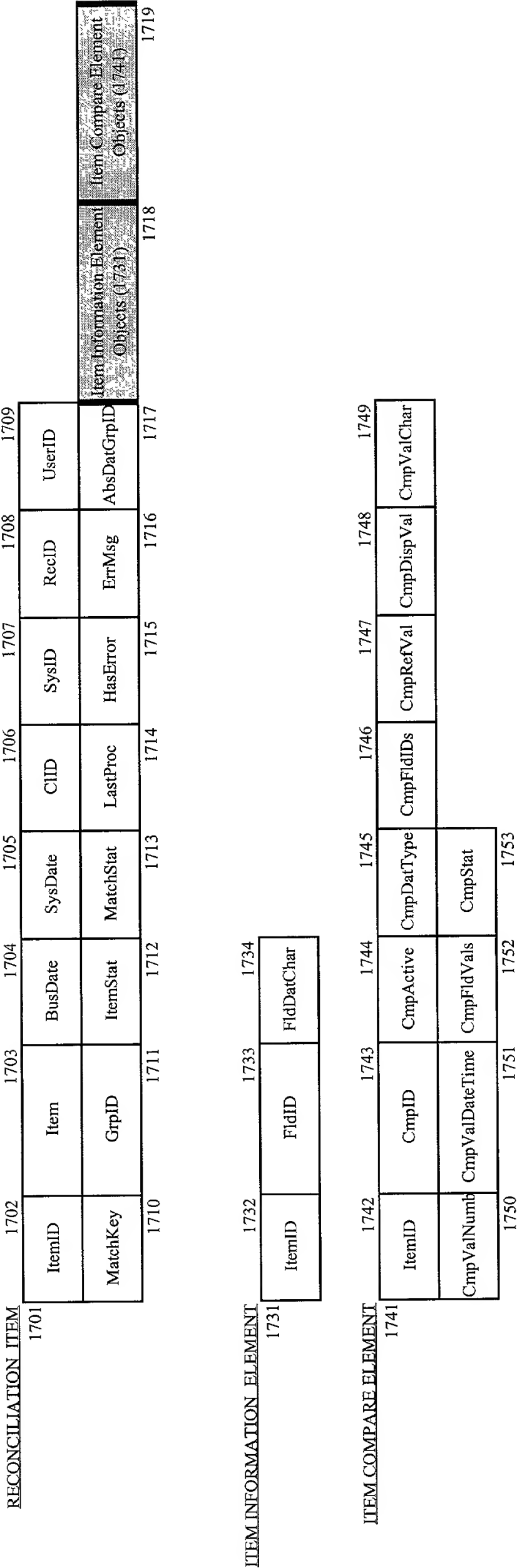


FIG. 17

FIG. 18

IN MEMORY ARCHIVE DATA MANIPULATION OBJECTS

ARCHIVE DATA 1801	1802	1803	1804	1805	1806	1807	1808	1809	1810	1811	1812
	ArchGrpID	CIID	RecID	KeyID	OrigGrpID	LstBusDatUpd	LstSysDatUpd	NoOfSysUnmched	GrpStat	OrigAbsGrpID	OrigGrpNotes
	OrigGrpHasError	OrigGrpErrMsg	GrpMchQueData	DatGrpCmpData	RecItemMinBusDate	RecItemMaxBusDate	RecItemMinSysDate	RecItemMaxSysDate	RecItemOrigText	RecItemData	RecItemInflmntData
	1813	1814	1815	1816	1817	1818	1819	1820	1821	1822	1823
											1824

FIG. 18

MISCELLANEOUS IN MEMORY OBJECTS

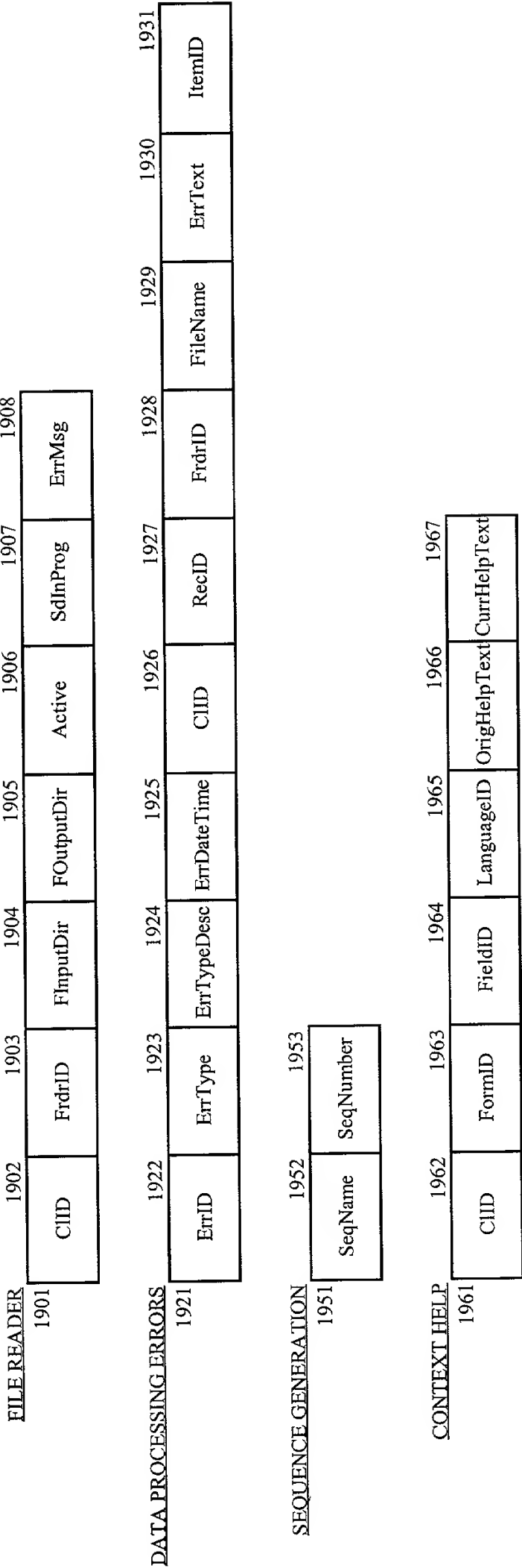


FIG. 19

DATABASE TABLES

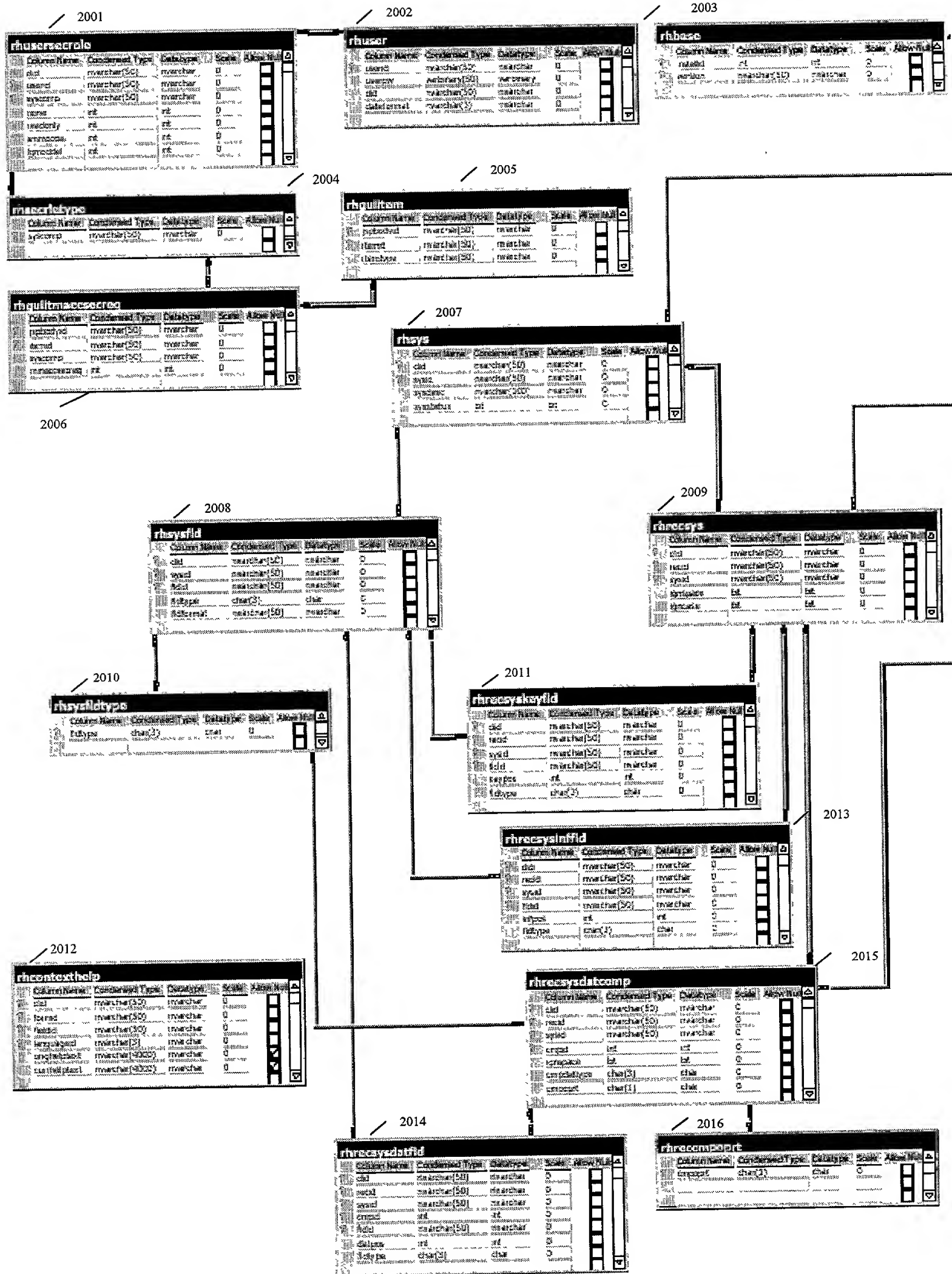


FIG. 20

DATABASE TABLES

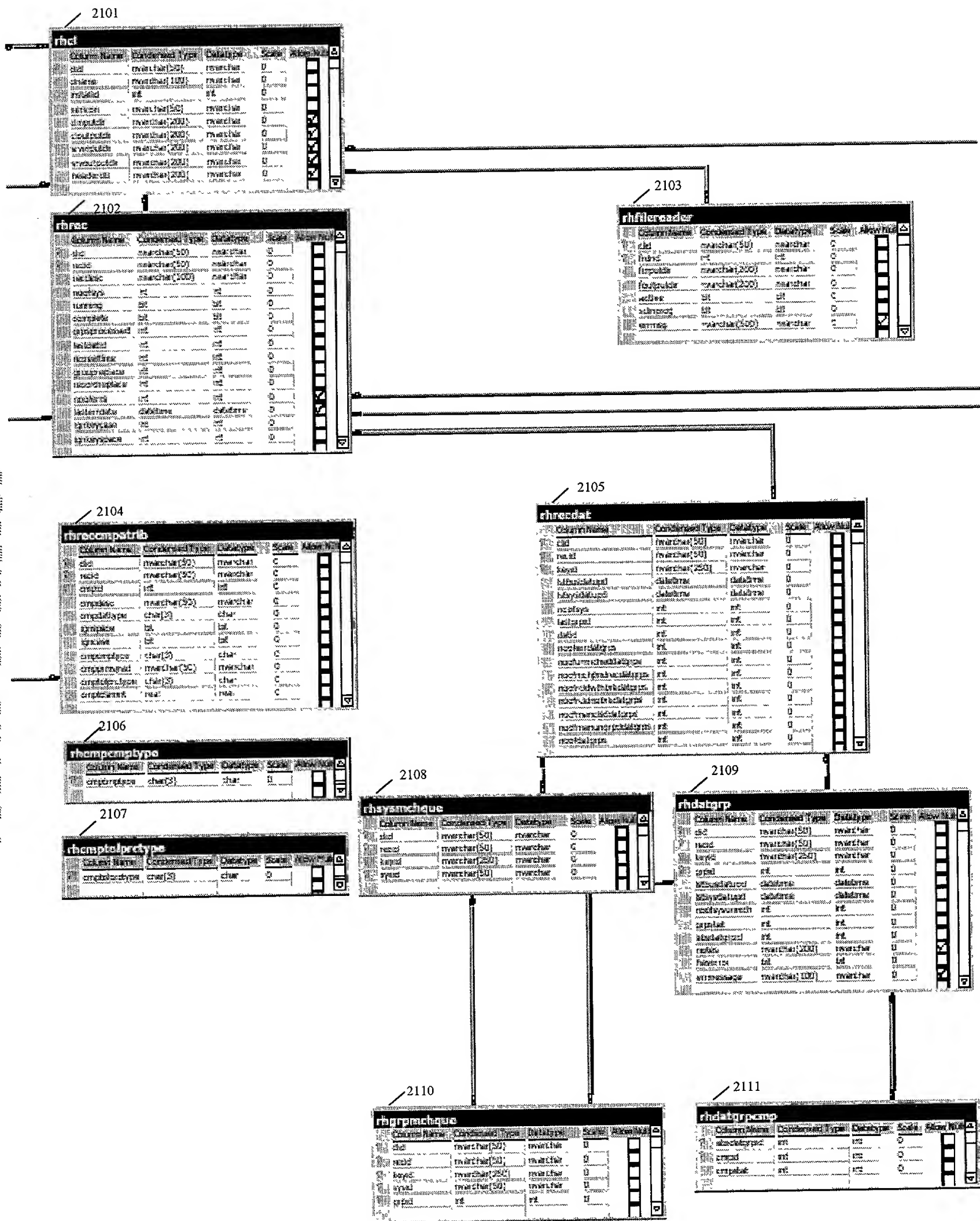


FIG. 21

DATABASE TABLES

2201

Threats	Category Name	Known as	Type	Subtype	Score	Action	Notes
1	trojan.rsk	trojan.rsk	trojan	trojan	10	100%	
2	trojan.rsk	trojan.rsk	trojan	trojan	10	100%	
3	trojan.rsk	trojan.rsk	trojan	trojan	10	100%	
4	trojan.rsk	trojan.rsk	trojan	trojan	10	100%	
5	trojan.rsk	trojan.rsk	trojan	trojan	10	100%	
6	trojan.rsk	trojan.rsk	trojan	trojan	10	100%	
7	trojan.rsk	trojan.rsk	trojan	trojan	10	100%	
8	trojan.rsk	trojan.rsk	trojan	trojan	10	100%	
9	trojan.rsk	trojan.rsk	trojan	trojan	10	100%	
10	trojan.rsk	trojan.rsk	trojan	trojan	10	100%	

2202

Customer Name	Customer Type	Product	Quantity	Price	Total
Walmart	Wholesale	Product A	100	1.00	100.00
Walmart	Wholesale	Product B	200	2.00	400.00
Walmart	Wholesale	Product C	300	3.00	900.00
Walmart	Wholesale	Product D	400	4.00	1600.00
Walmart	Wholesale	Product E	500	5.00	2500.00
Walmart	Wholesale	Product F	600	6.00	3600.00
Walmart	Wholesale	Product G	700	7.00	4900.00
Walmart	Wholesale	Product H	800	8.00	6400.00
Walmart	Wholesale	Product I	900	9.00	8100.00
Walmart	Wholesale	Product J	1000	10.00	10000.00

2203

Column Name	Column Type	Nullable	Key
id	int	no	1
username	varchar(255)	no	1
password	varchar(255)	no	1
email	varchar(255)	no	1
phone	varchar(255)	no	1
address	varchar(255)	no	1
city	varchar(255)	no	1
state	varchar(255)	no	1
zip	varchar(255)	no	1
gender	varchar(255)	no	1
age	int	no	1
weight	int	no	1
height	int	no	1
eye_color	varchar(255)	no	1
hair_color	varchar(255)	no	1
skin_color	varchar(255)	no	1
blood_type	varchar(255)	no	1
last_login	datetime	no	1
created_at	datetime	no	1
updated_at	datetime	no	1

2204

[illegible]

2205

[illegible]

2206

[illegible]

2207

[illegible]

2208

rhinoceros					
	Ed. no.	Citation type	Date type	Score	Notes
found	10		10	5	
proustiana	marche(10)		marche	0	
proustiana	marche(10)		marche	0	

2209

Category Name	Cardboard Type	Card Type	Scale	How Many
crystal	1	ml	2	
whitebox	manchester(50)	manchester	2	

2210

rhrechenblatt					
Account Name	Debit	Credit	Balance	Amount	
Bank	10	10	0		
Field	from bank (10)	10	10		
Endliche:	10	10	0		

2211

[illegible]

FIG. 22

REFERENCE LIBRARY PROCESSES
DEFINE SOURCE SYSTEM FOR REFERENCE LIBRARY

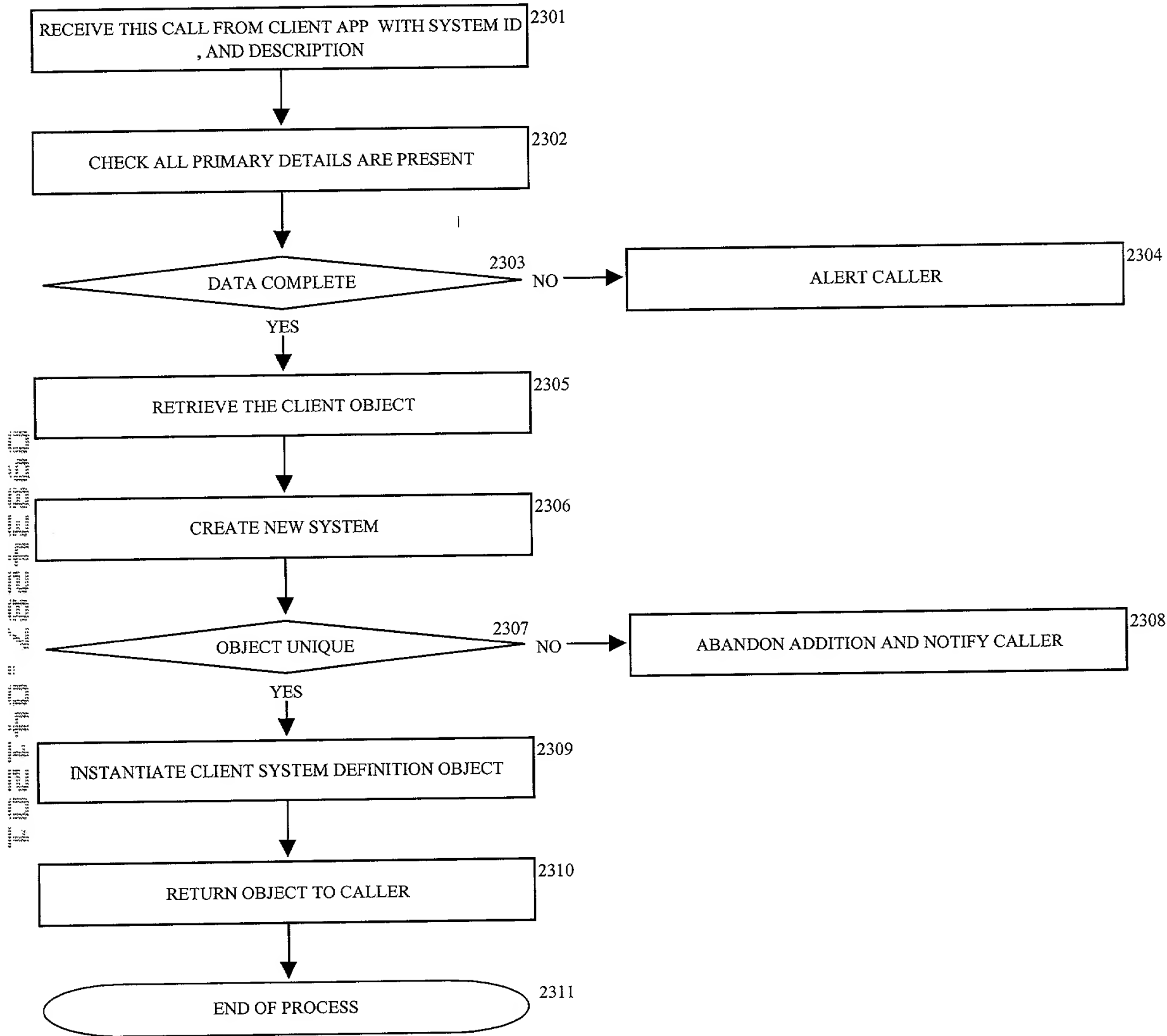


FIG. 23

REFERENCE LIBRARY PROCESSES
DEFINE SYSTEM FIELD FOR SOURCE SYSTEM

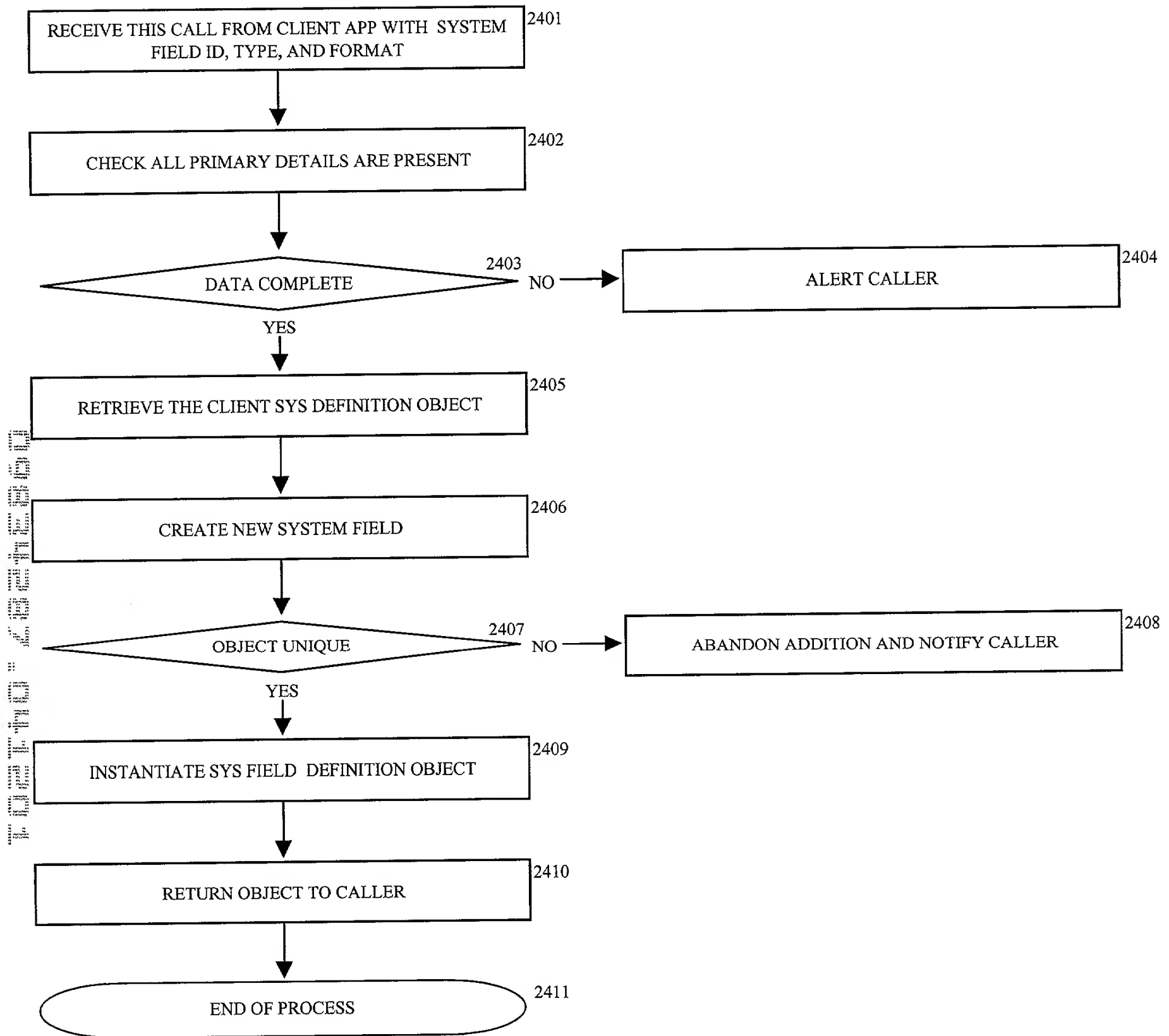


FIG. 24

REFERENCE LIBRARY PROCESSES
CREATE RECONCILIATION DEFINITION

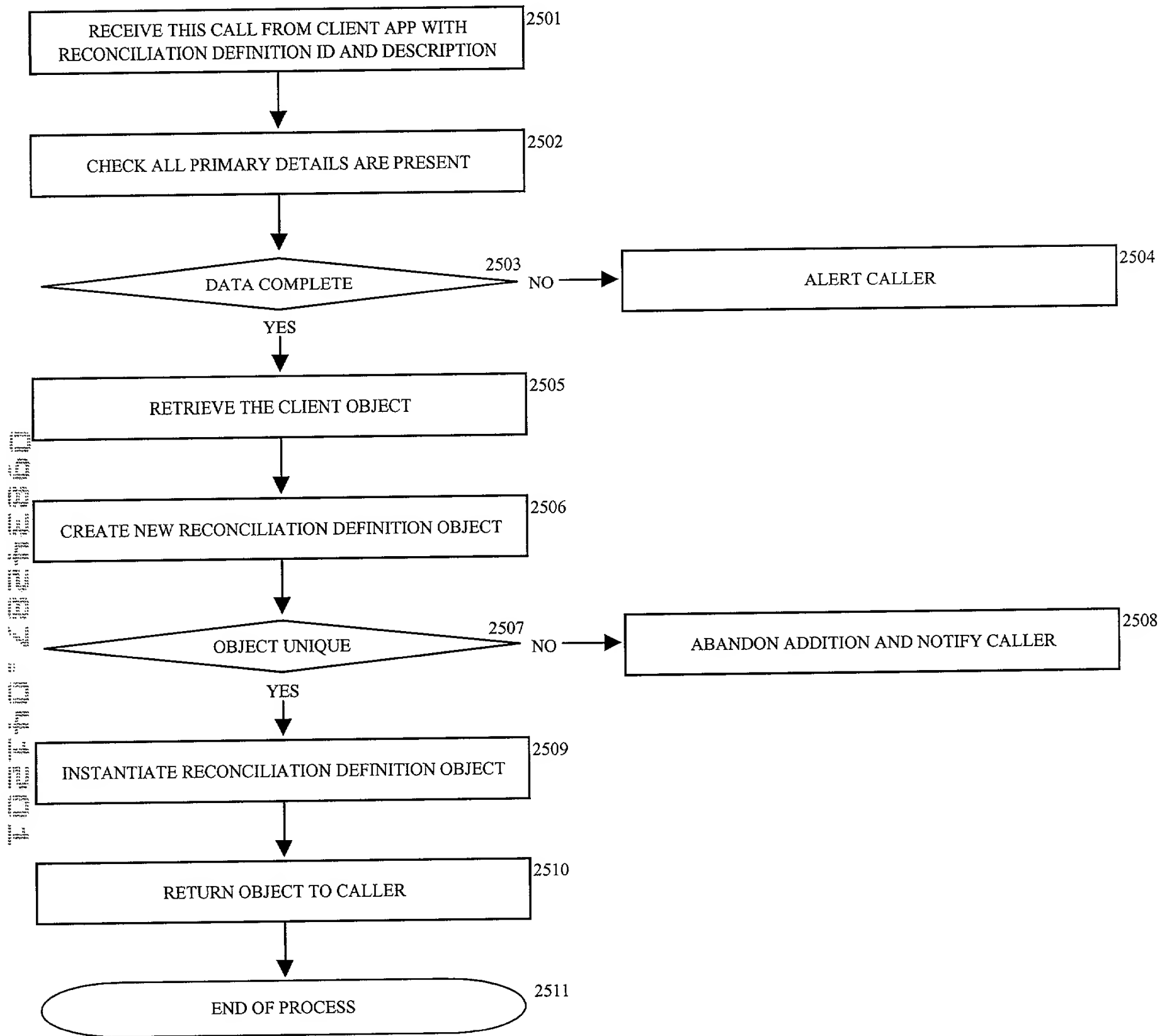


FIG. 25

REFERENCE LIBRARY PROCESSES
ADD SOURCE SYSTEM TO RECONCILIATION DEFINITION

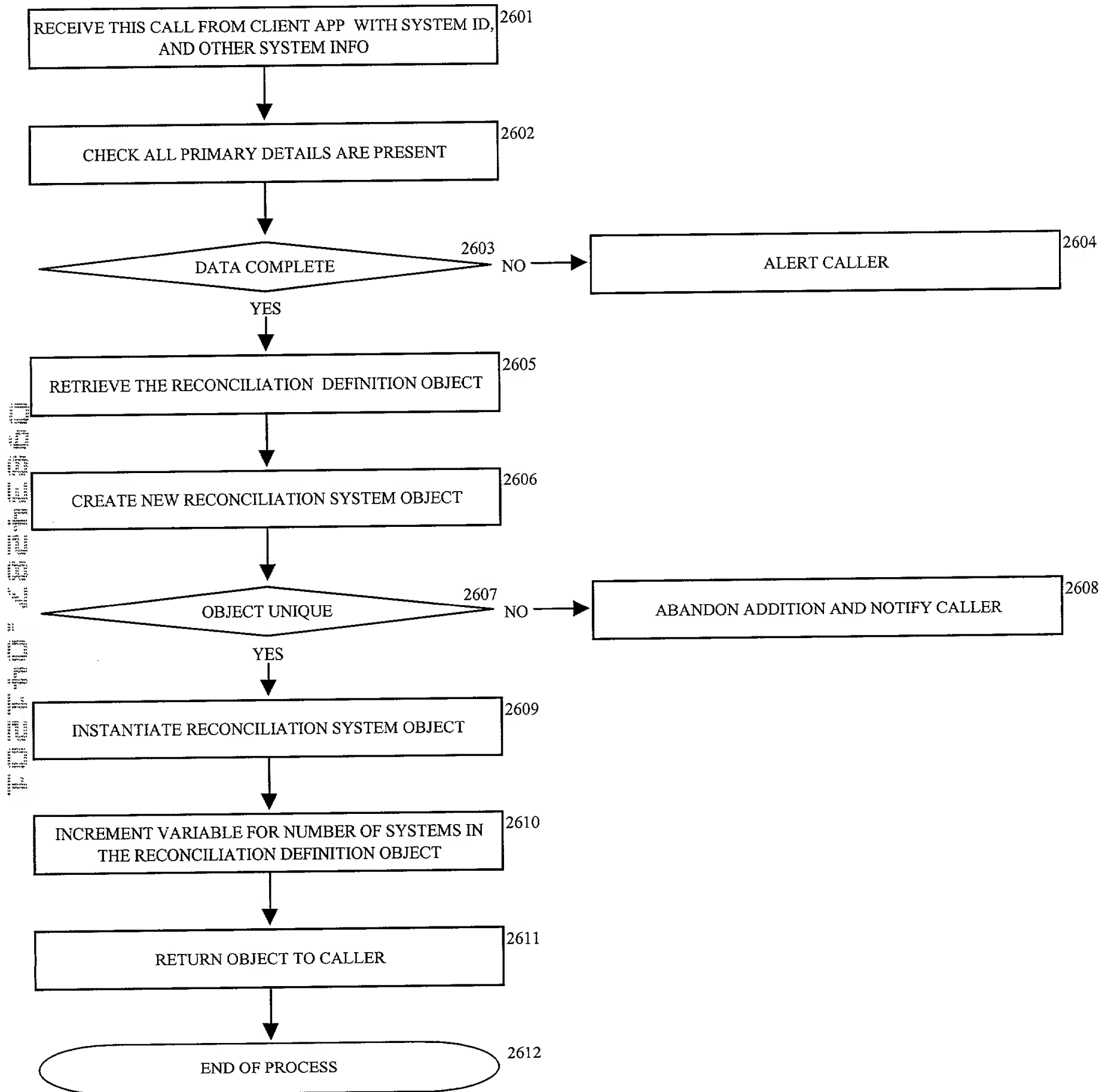


FIG. 26

REFERENCE LIBRARY PROCESSES
ADD KEY FIELD TO RECONCILIATION SYSTEM

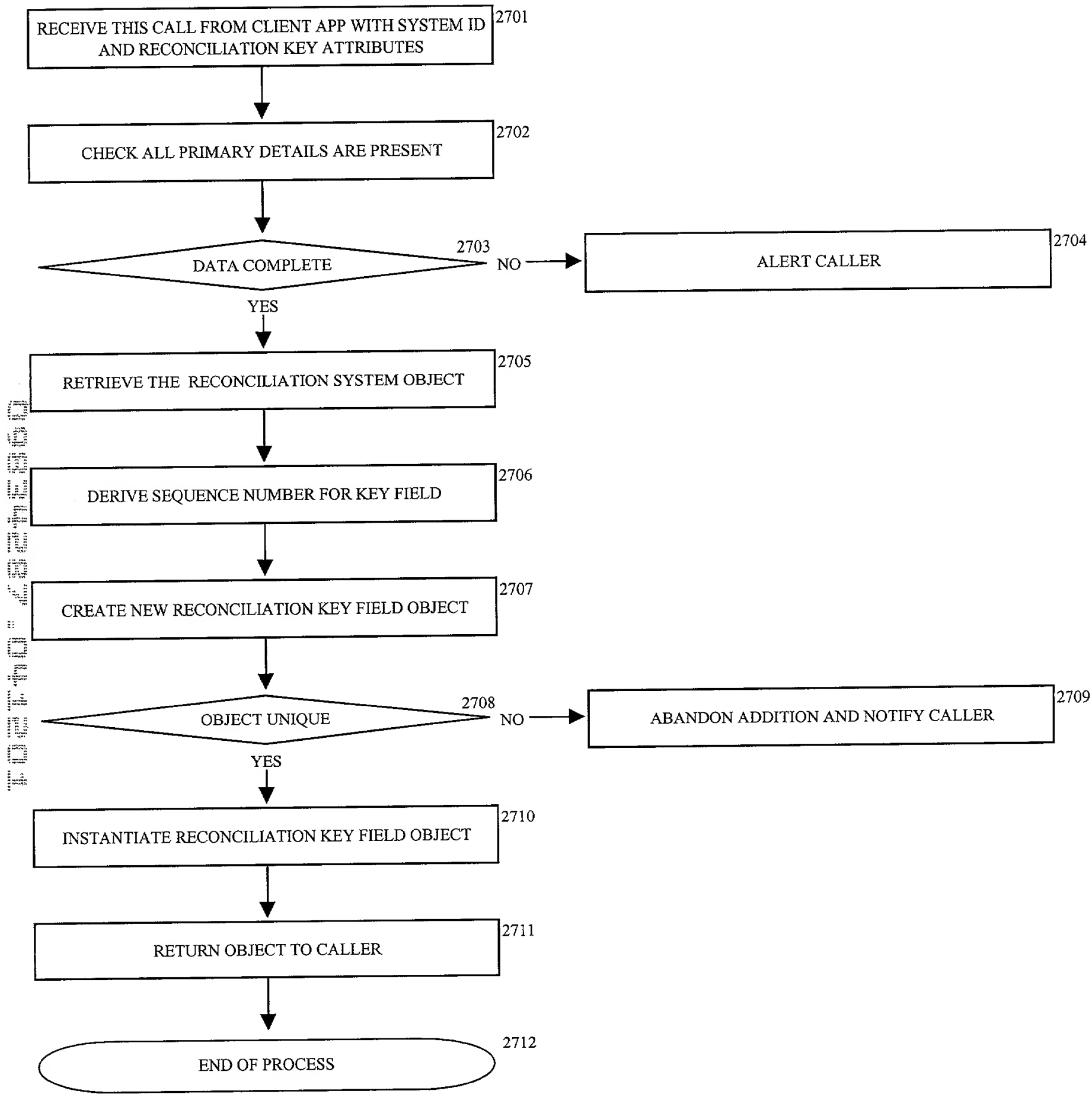


FIG. 27

REFERENCE LIBRARY PROCESSES
CREATE DATA COMPARISON IN RECONCILIATION DEFINITION

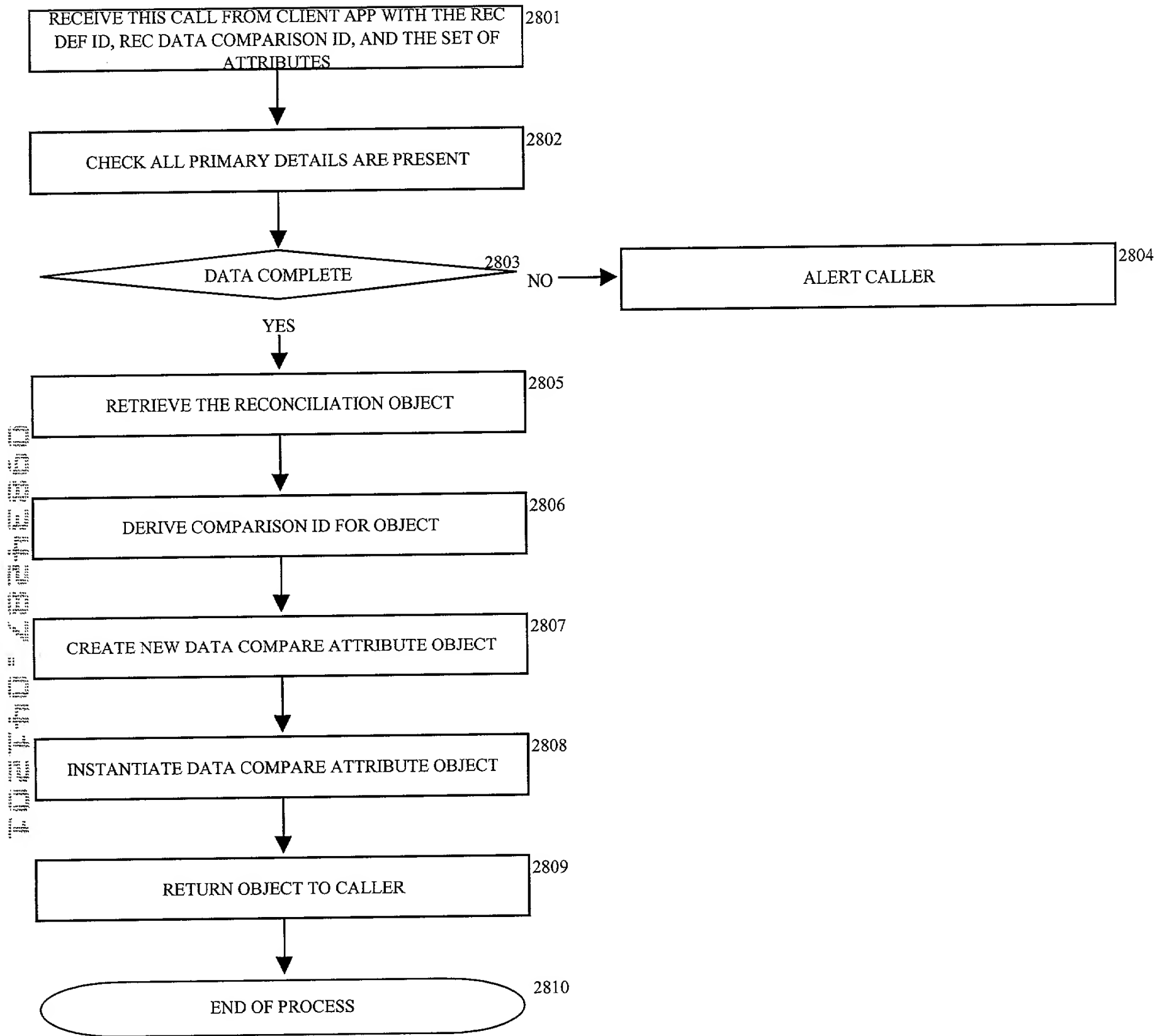


FIG. 28

REFERENCE LIBRARY PROCESSES
ADD DATA FIELD TO RECONCILIATION SYSTEM DATA COMPARISON

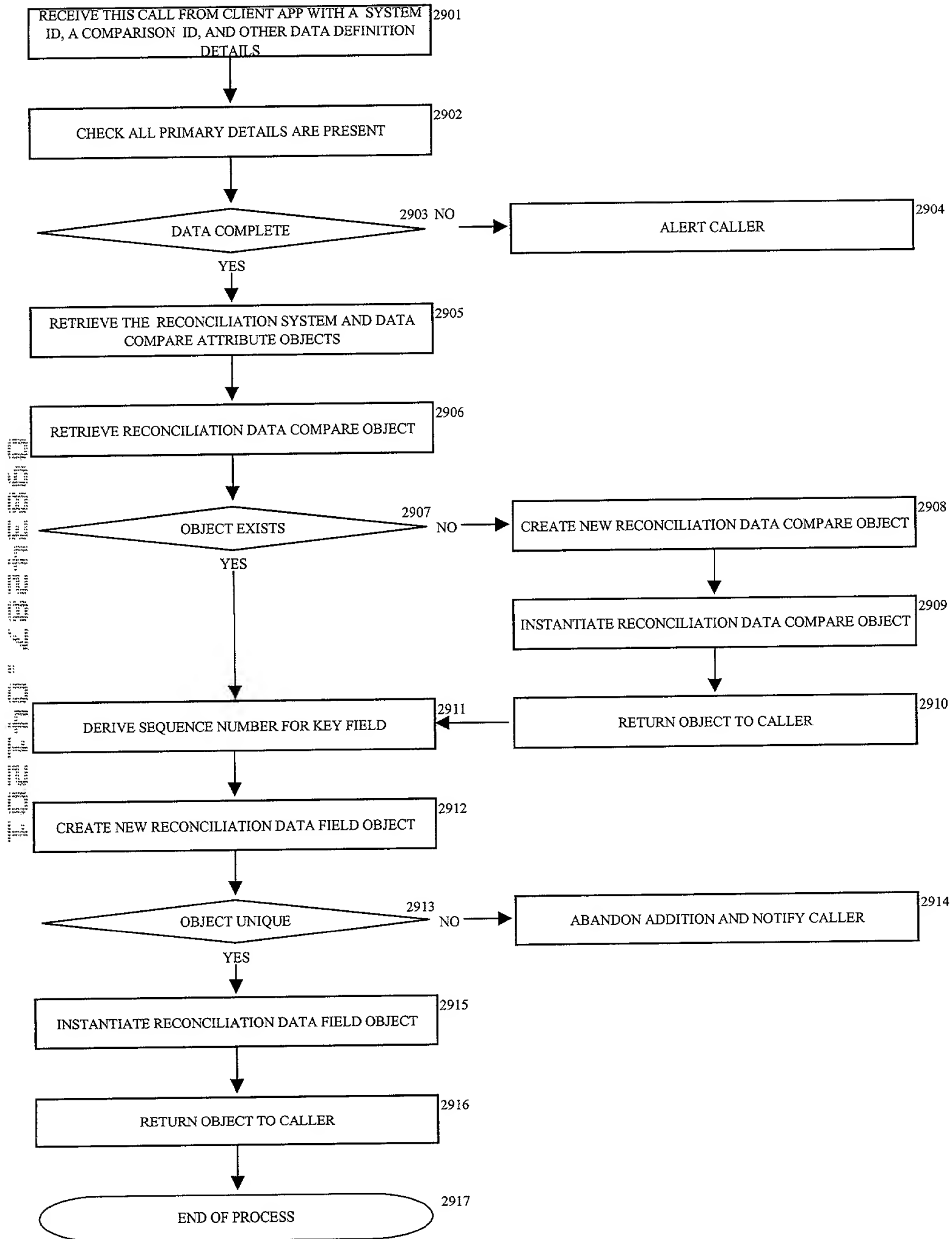


FIG. 29

REFERENCE LIBRARY PROCESSES
ADD INFORMATION FIELD TO RECONCILIATION SYSTEM

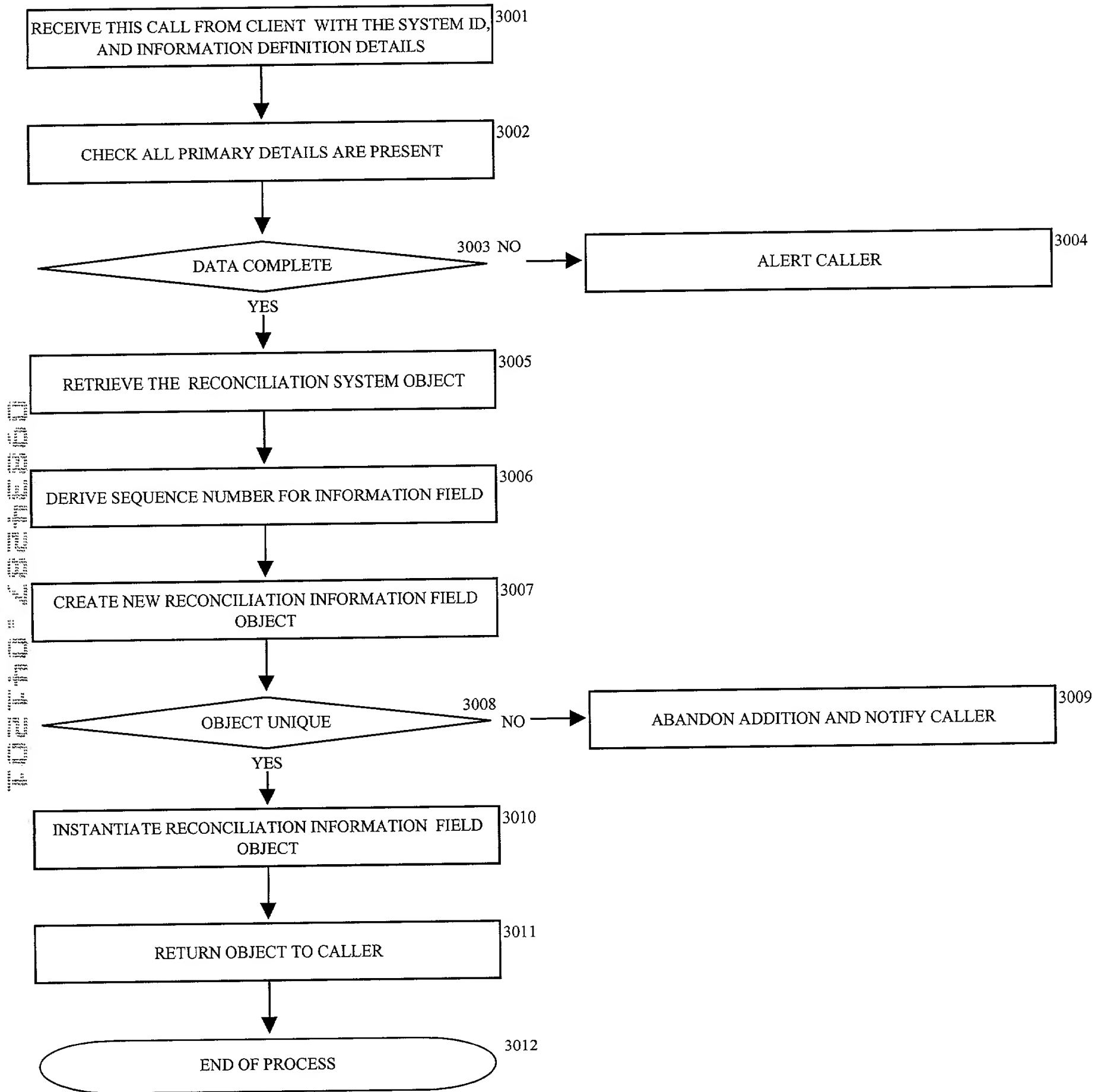


FIG. 30

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2
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FIG. 31

MESSAGE RELATED PROCESSES
PROCESS SINGE RECONCILIATION MESSAGE

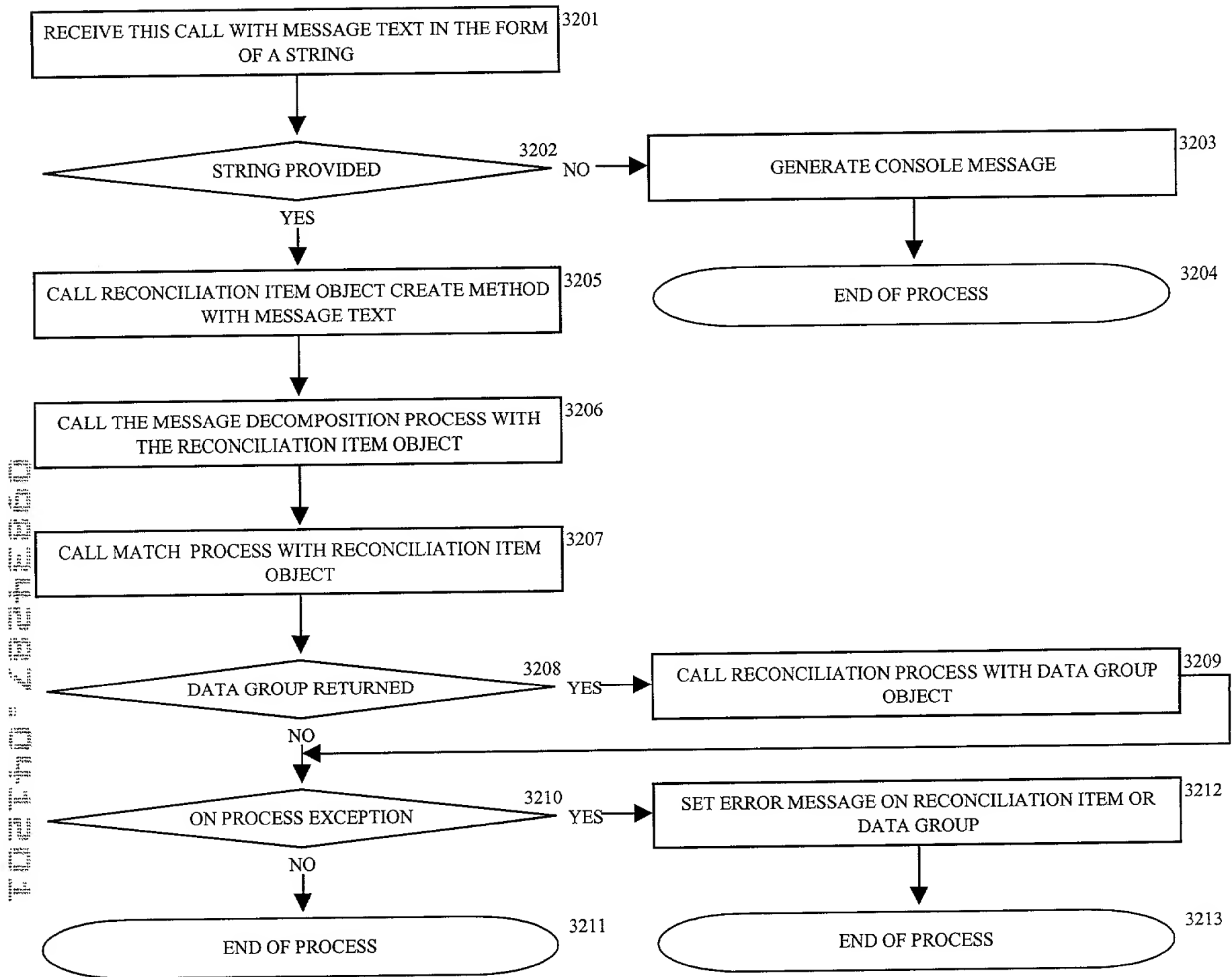


FIG. 32

MESSAGE RELATED PROCESSES
CREATE RECONCILIATION ITEM OBJECT

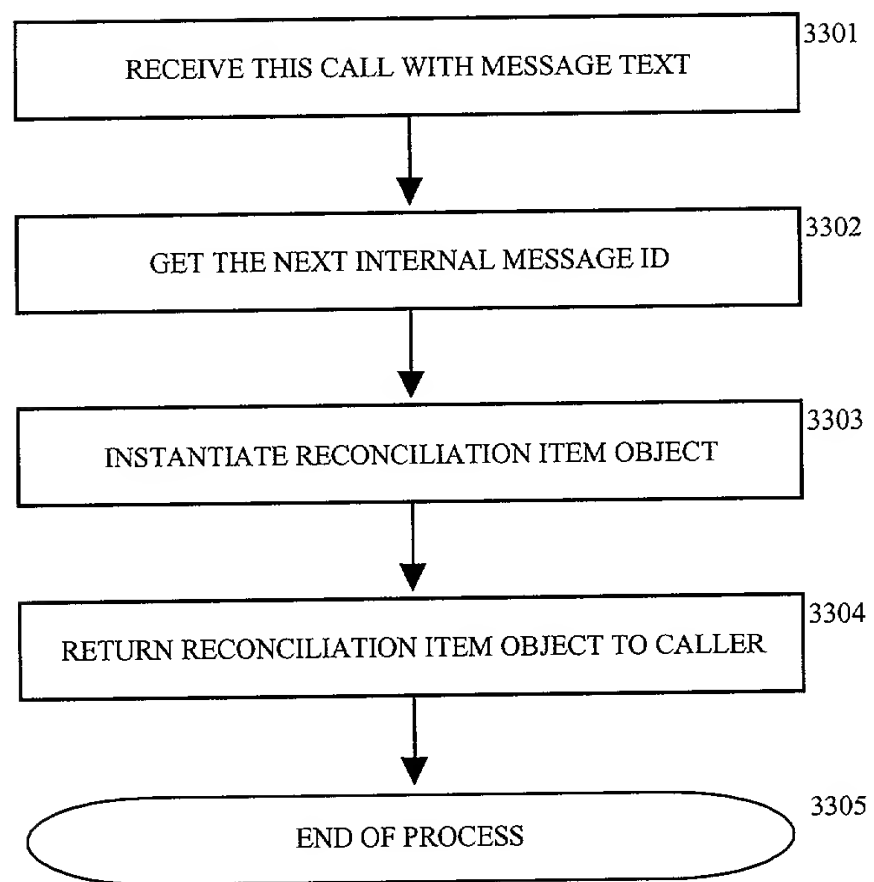


FIG. 33

MESSAGE RELATED PROCESSES
DECOMPOSE RECONCILIATION ITEM

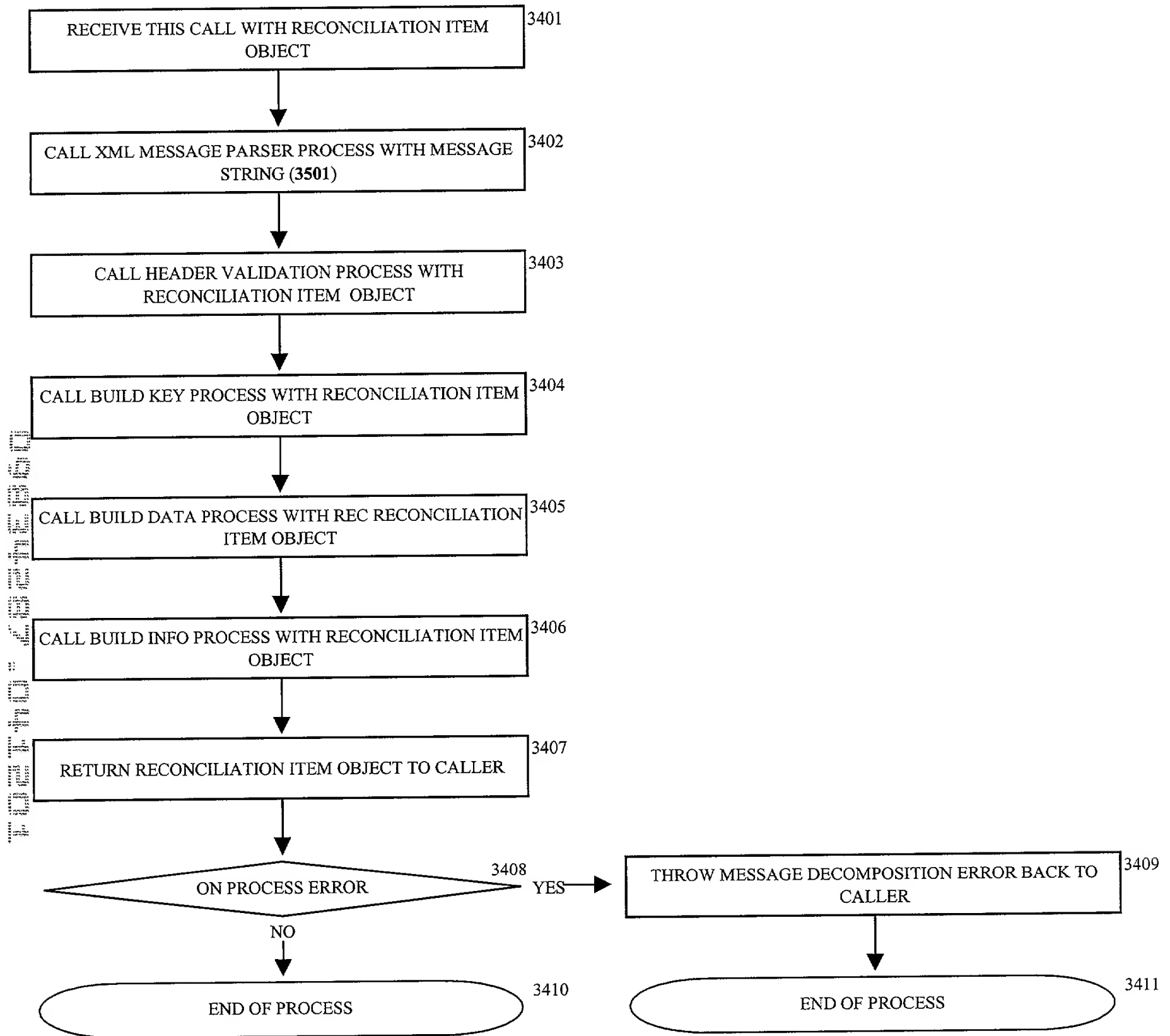


FIG. 34

MESSAGE RELATED PROCESSES
XML MESSAGE PARSER

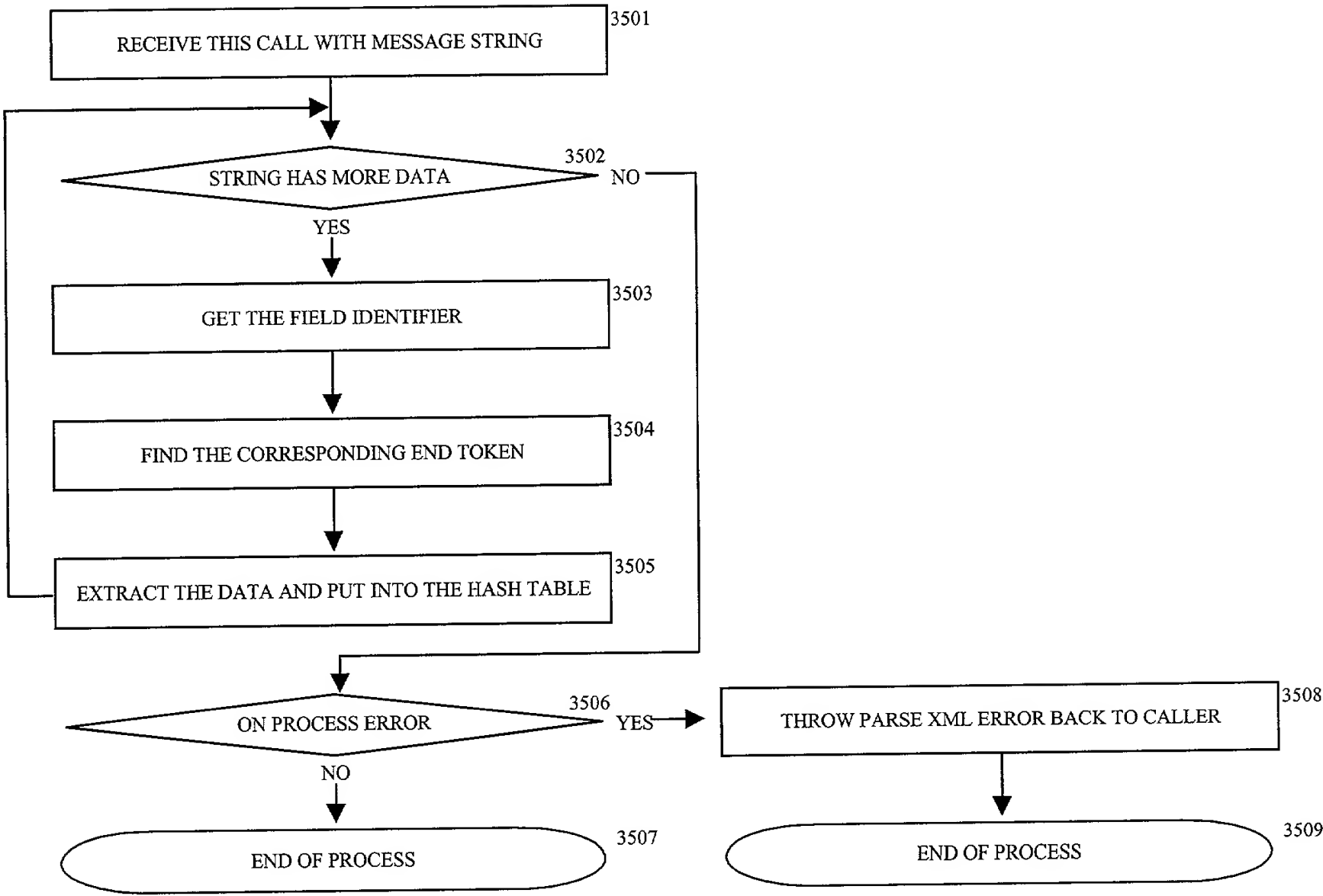


FIG. 35

MESSAGE RELATED PROCESSES
PROCESS HEADER DETAILS

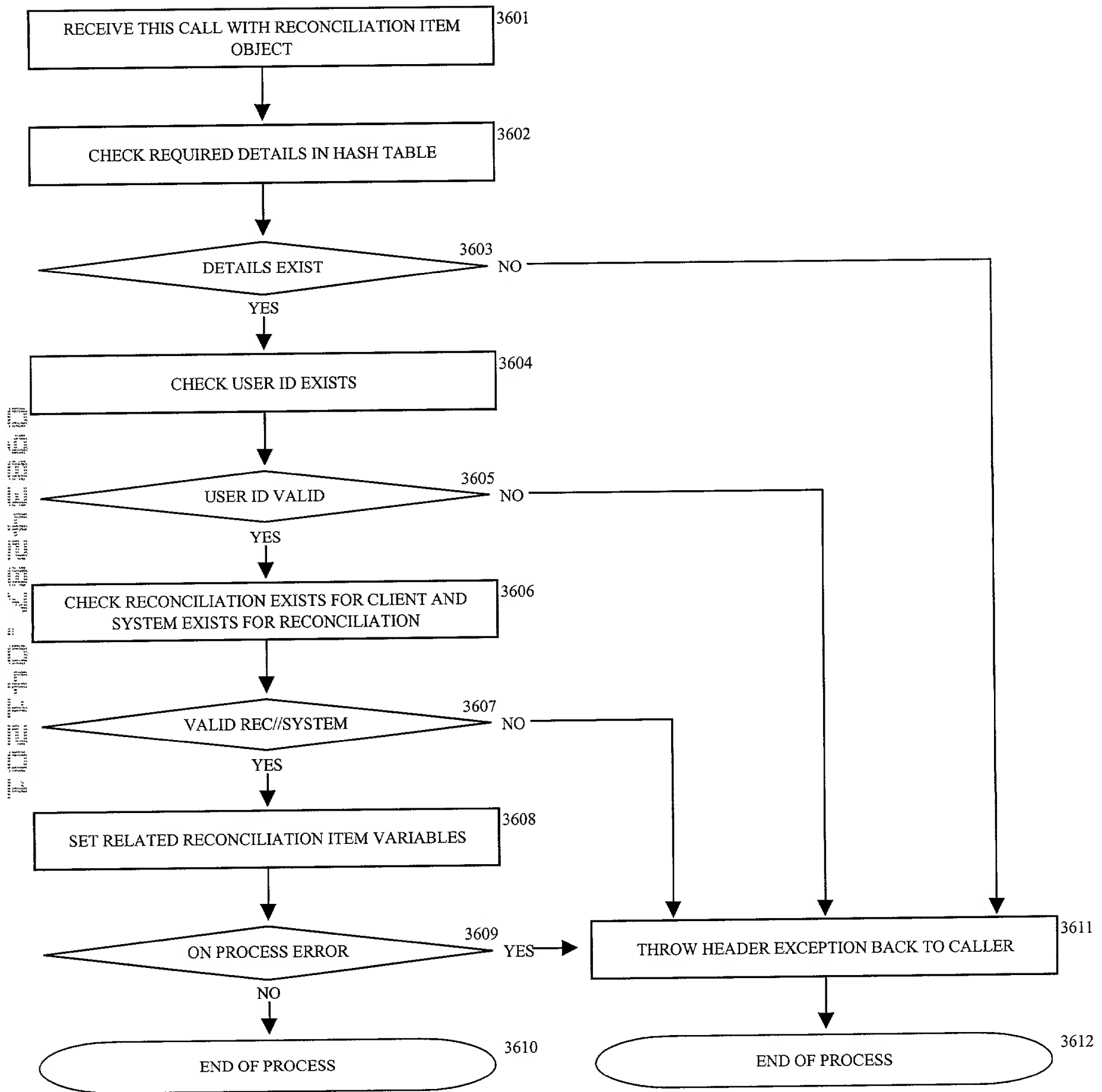


FIG. 36

MESSAGE RELATED PROCESSES
BUILD KEY

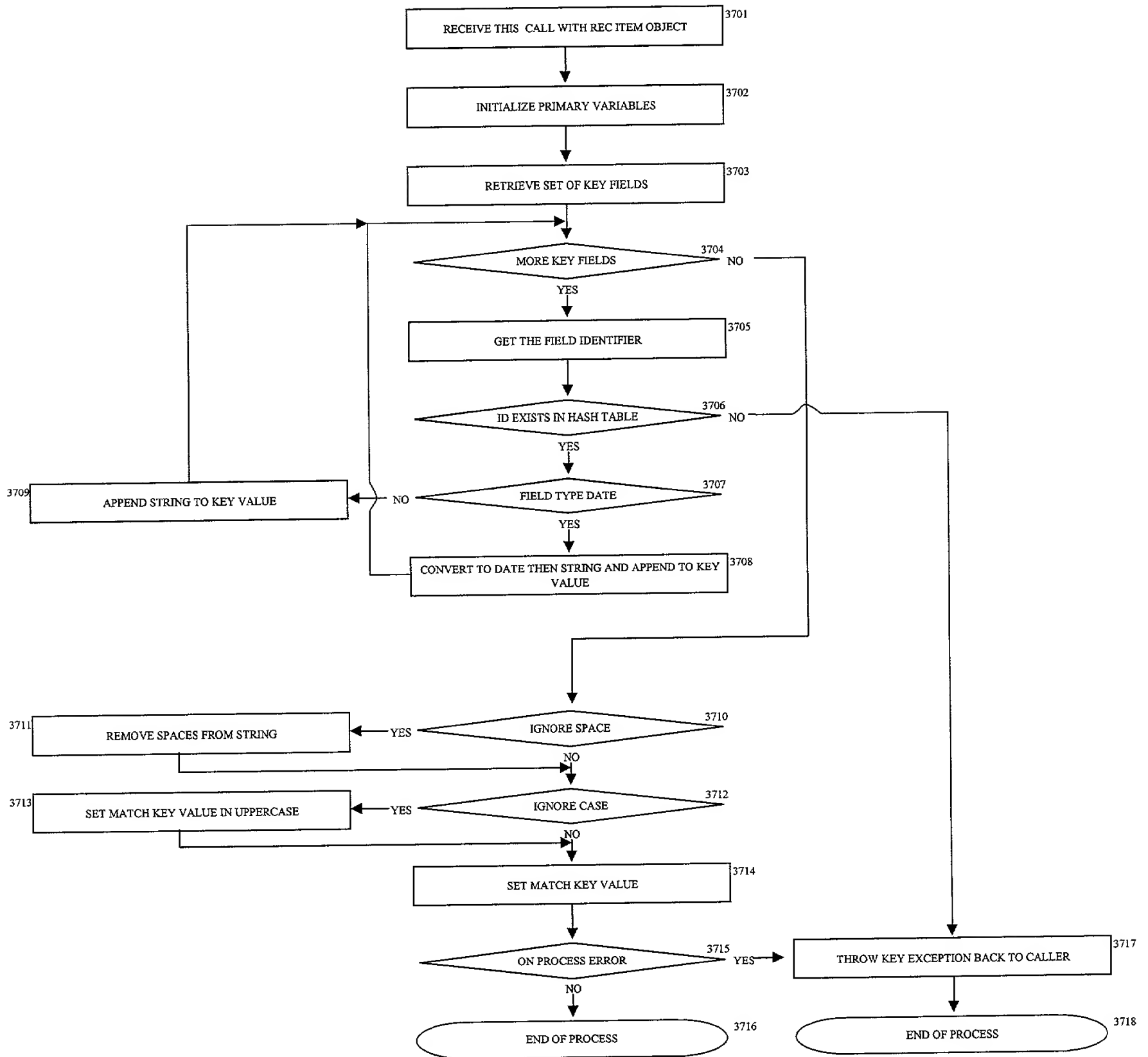


FIG. 37

MESSAGE RELATED PROCESSES
BUILD DATA

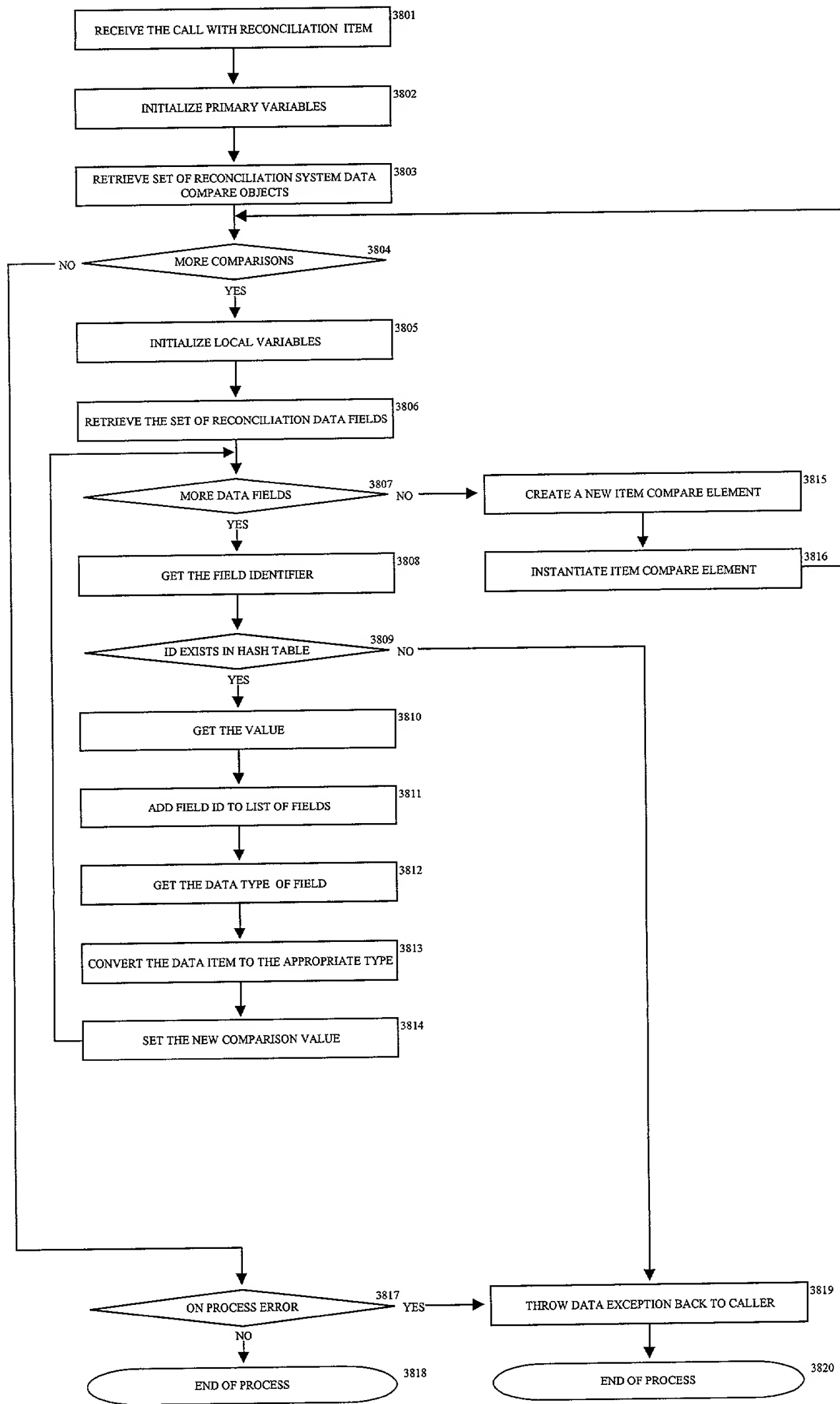


FIG. 38

MESSAGE RELATED PROCESSES
BUILD INFORMATION

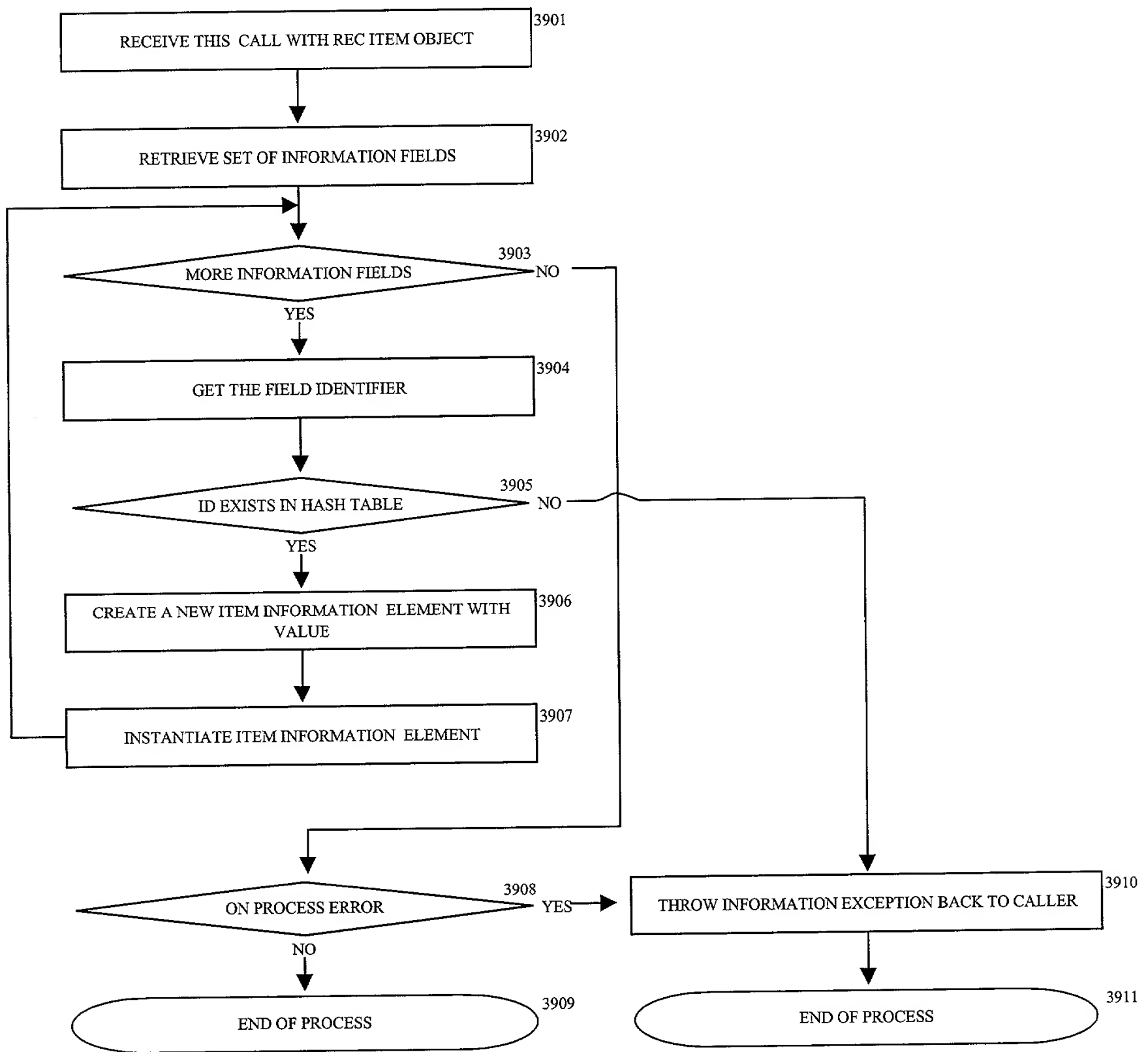


FIG. 39

MESSAGE RELATED PROCESSES
MATCH

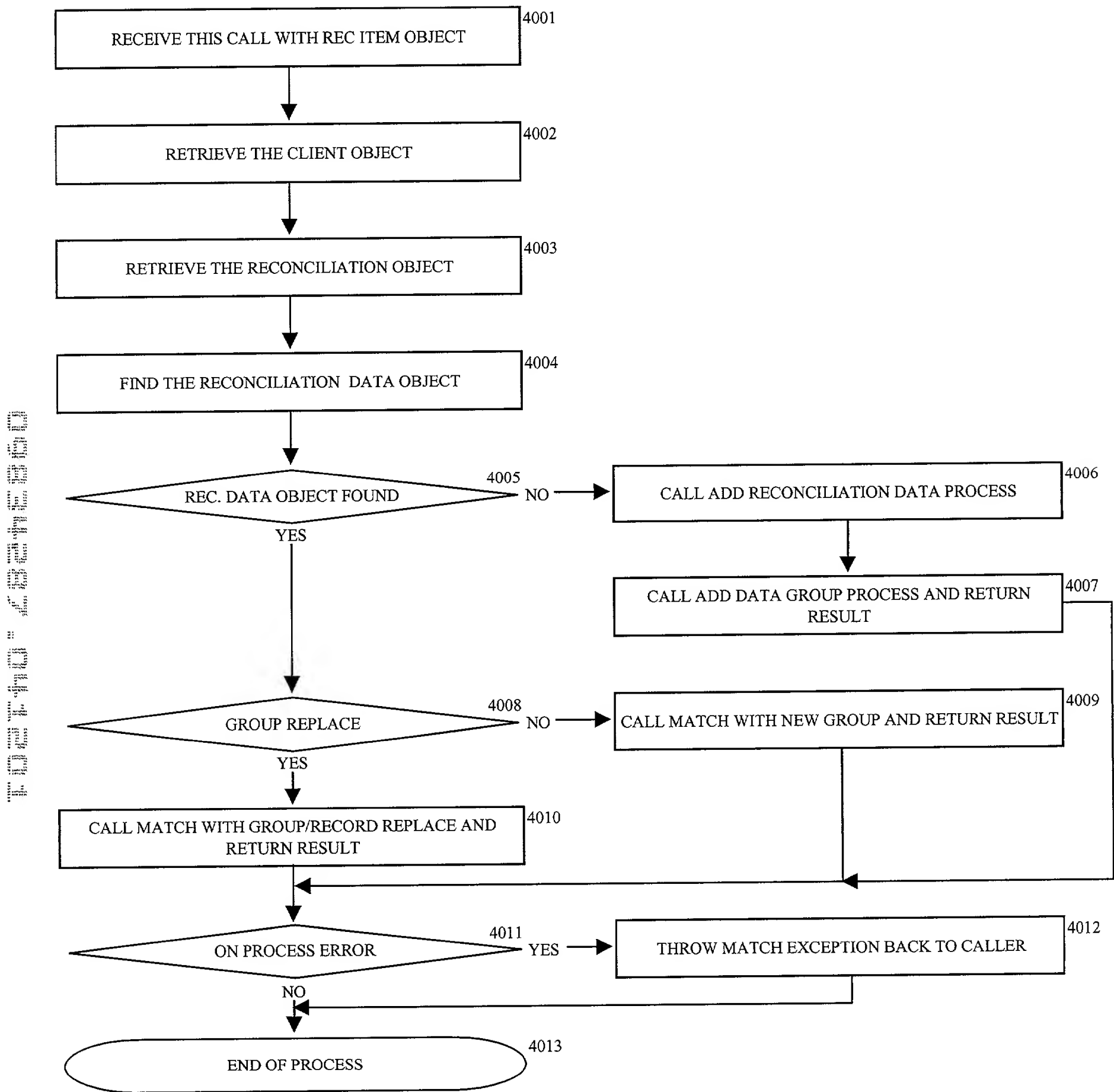


FIG. 40

MESSAGE RELATED PROCESSES
MATCH WITH GROUP/RECORD REPLACE

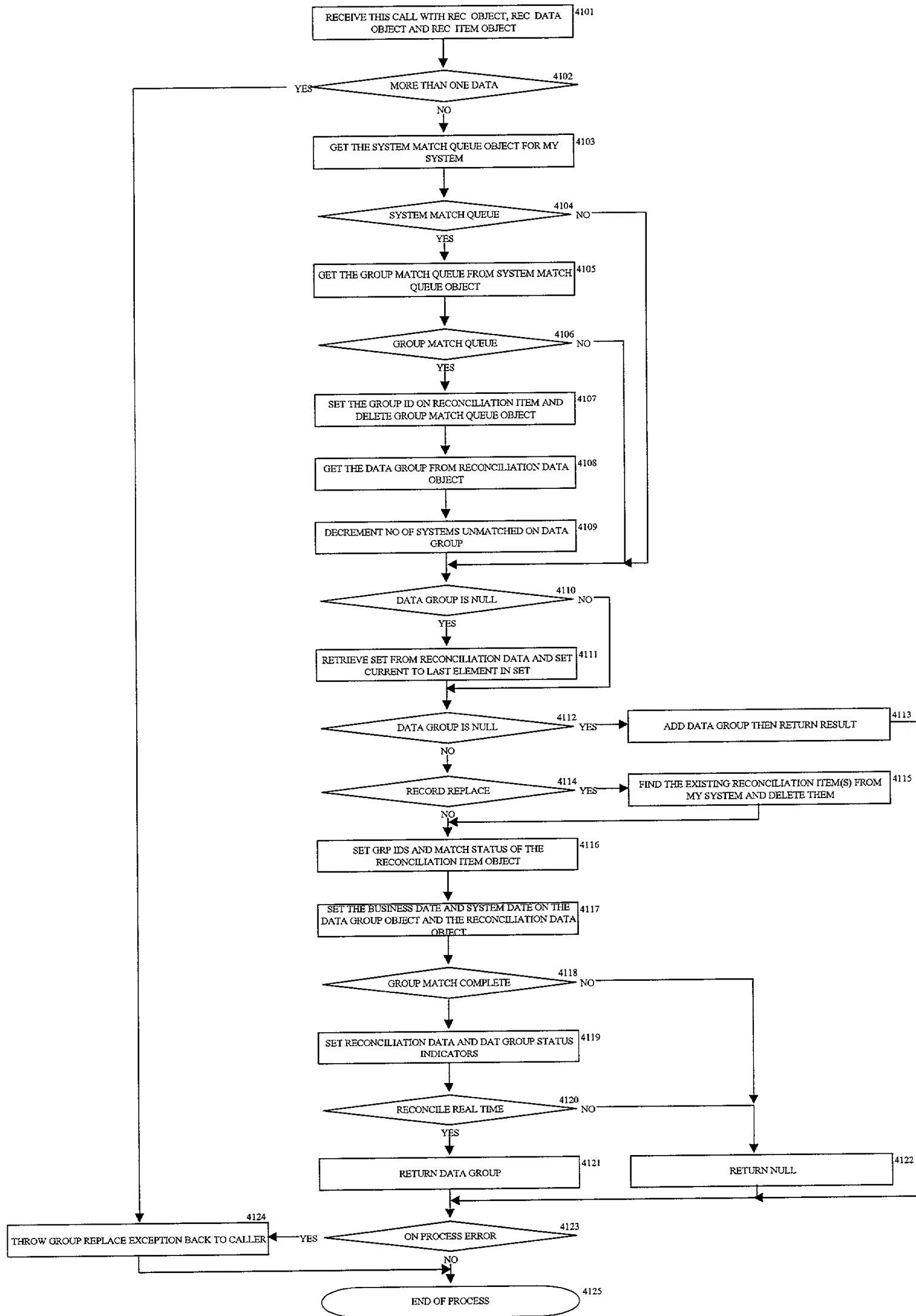


FIG. 41

MESSAGE RELATED PROCESSES
MATCH WITH NEW GROUP

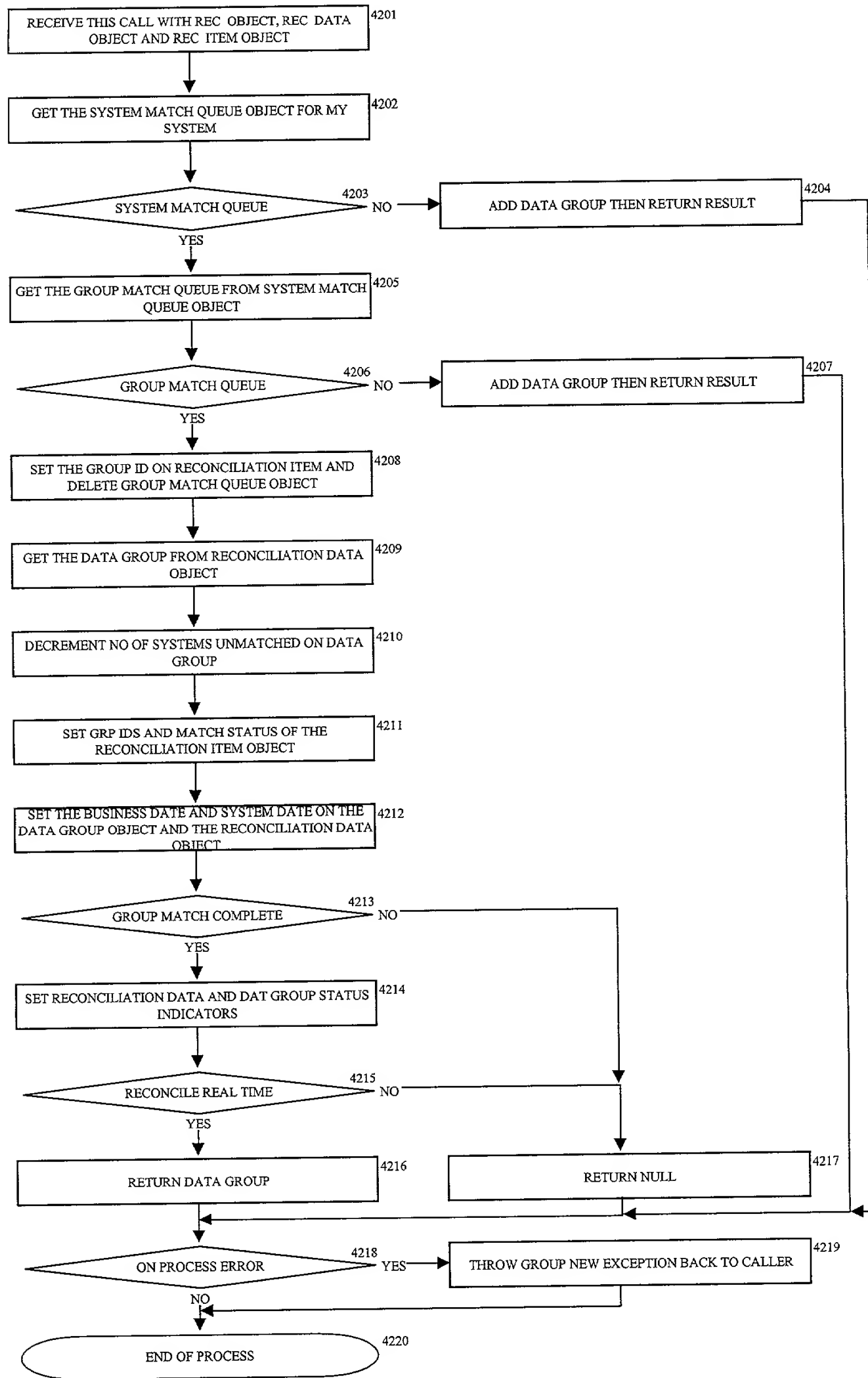


FIG. 42

MESSAGE RELATED PROCESSES
CREATE RECONCILIATION DATA OBJECT

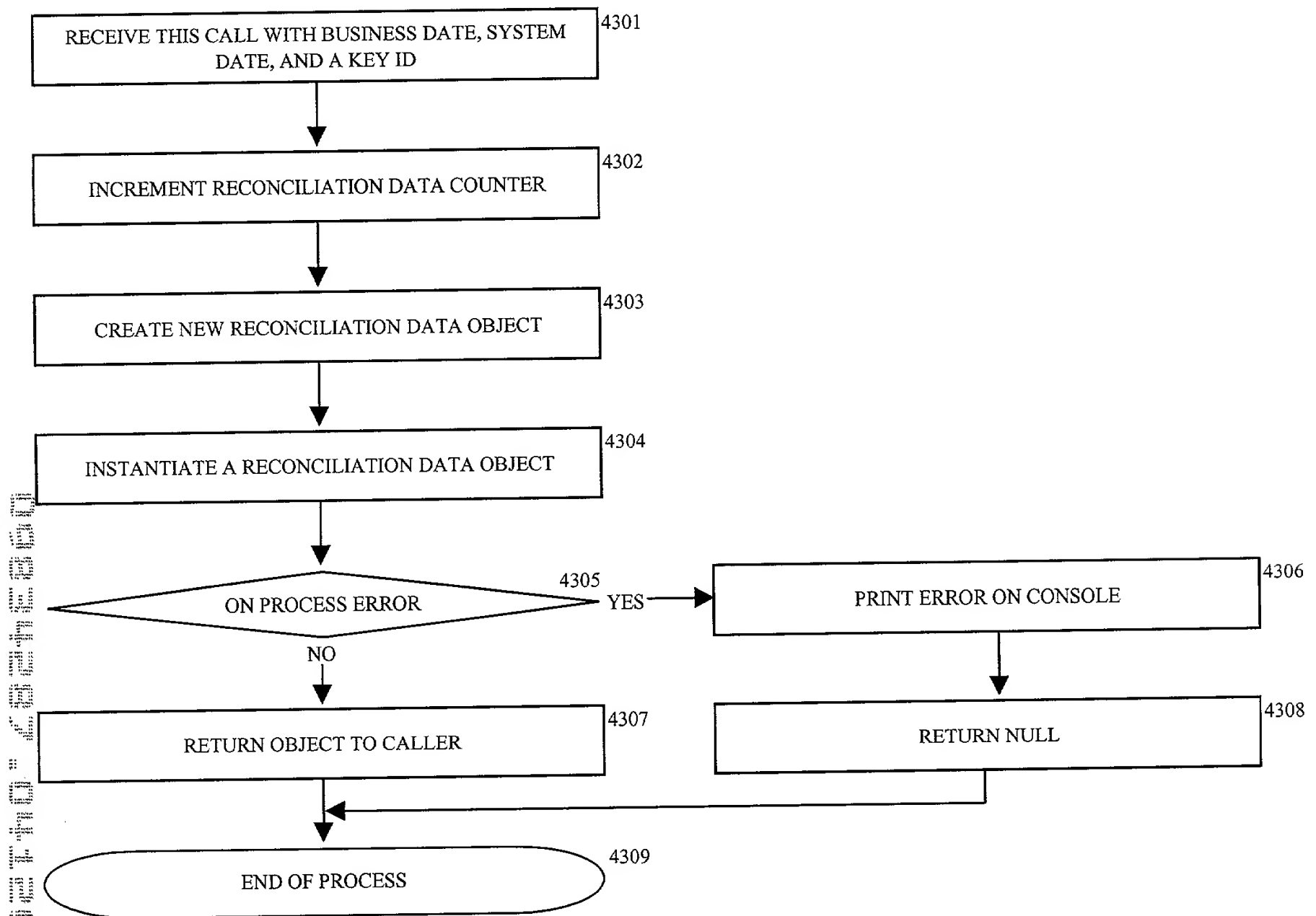


FIG. 43

MESSAGE RELATED PROCESSES
ADD DATA GROUP

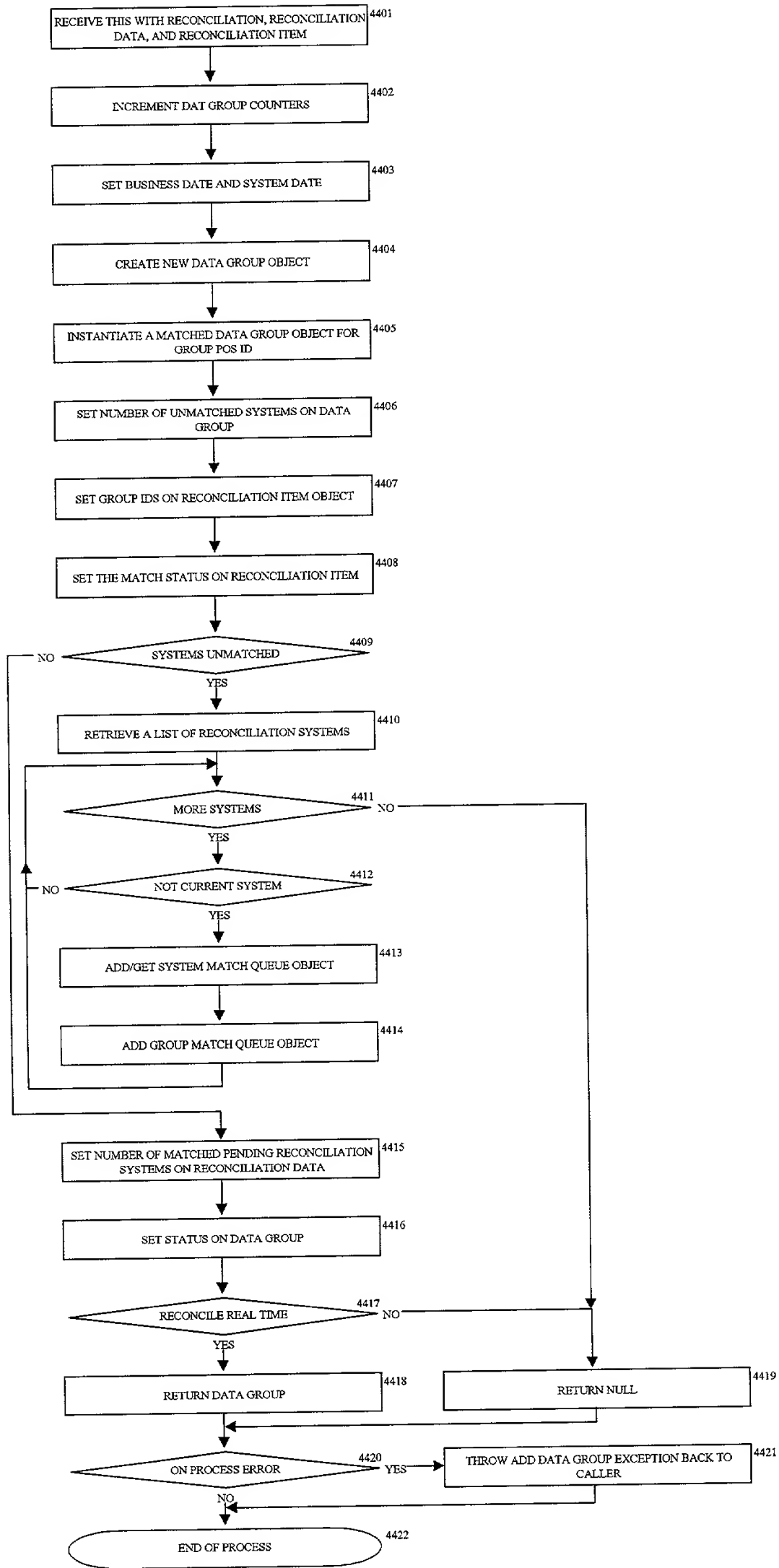


FIG. 44

MESSAGE RELATED PROCESSES
RECONCILE

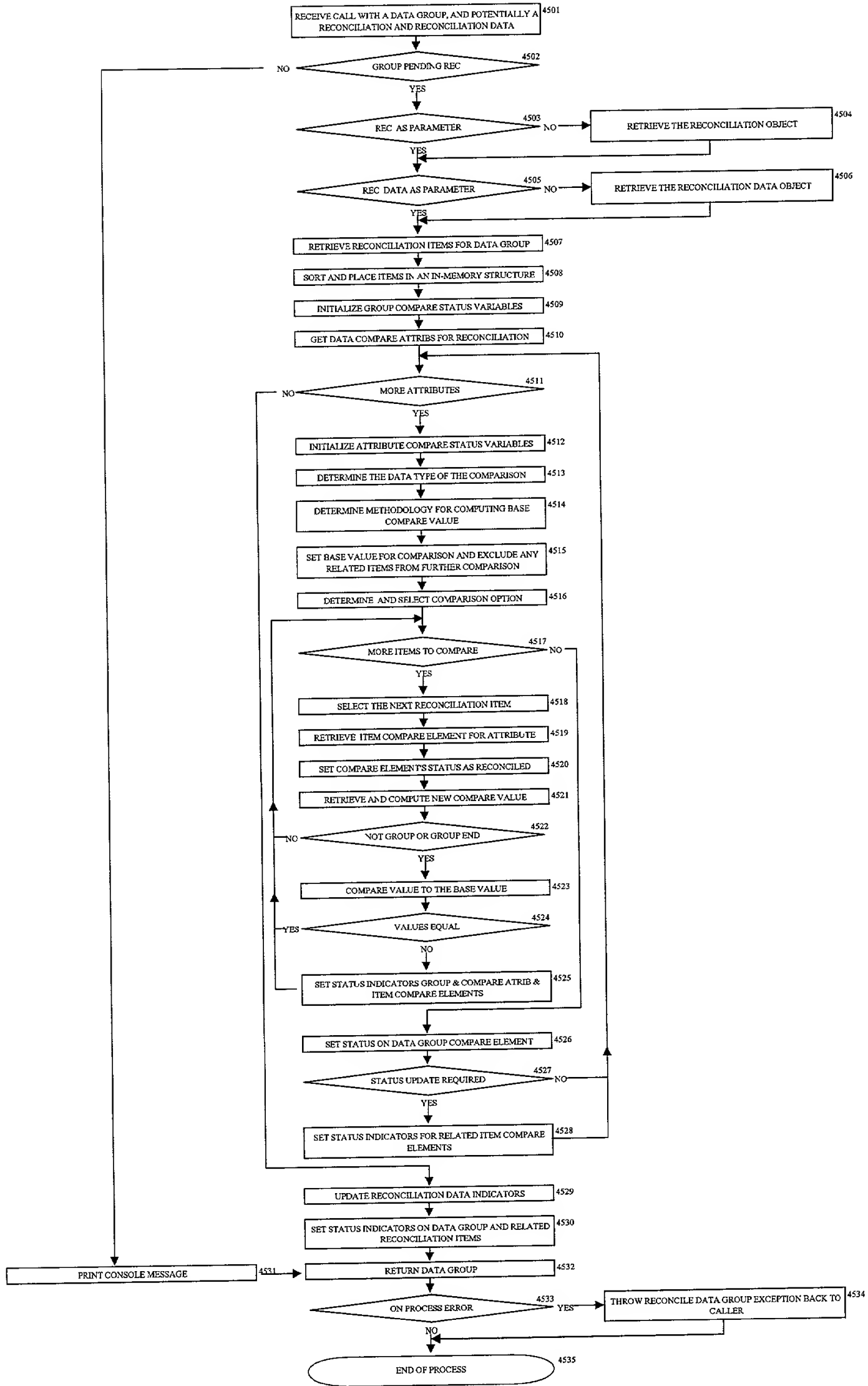


FIG. 45

DATA INTEGRATION PROCESSES
DIRECT MESSAGE BASED DATA INTEGRATION

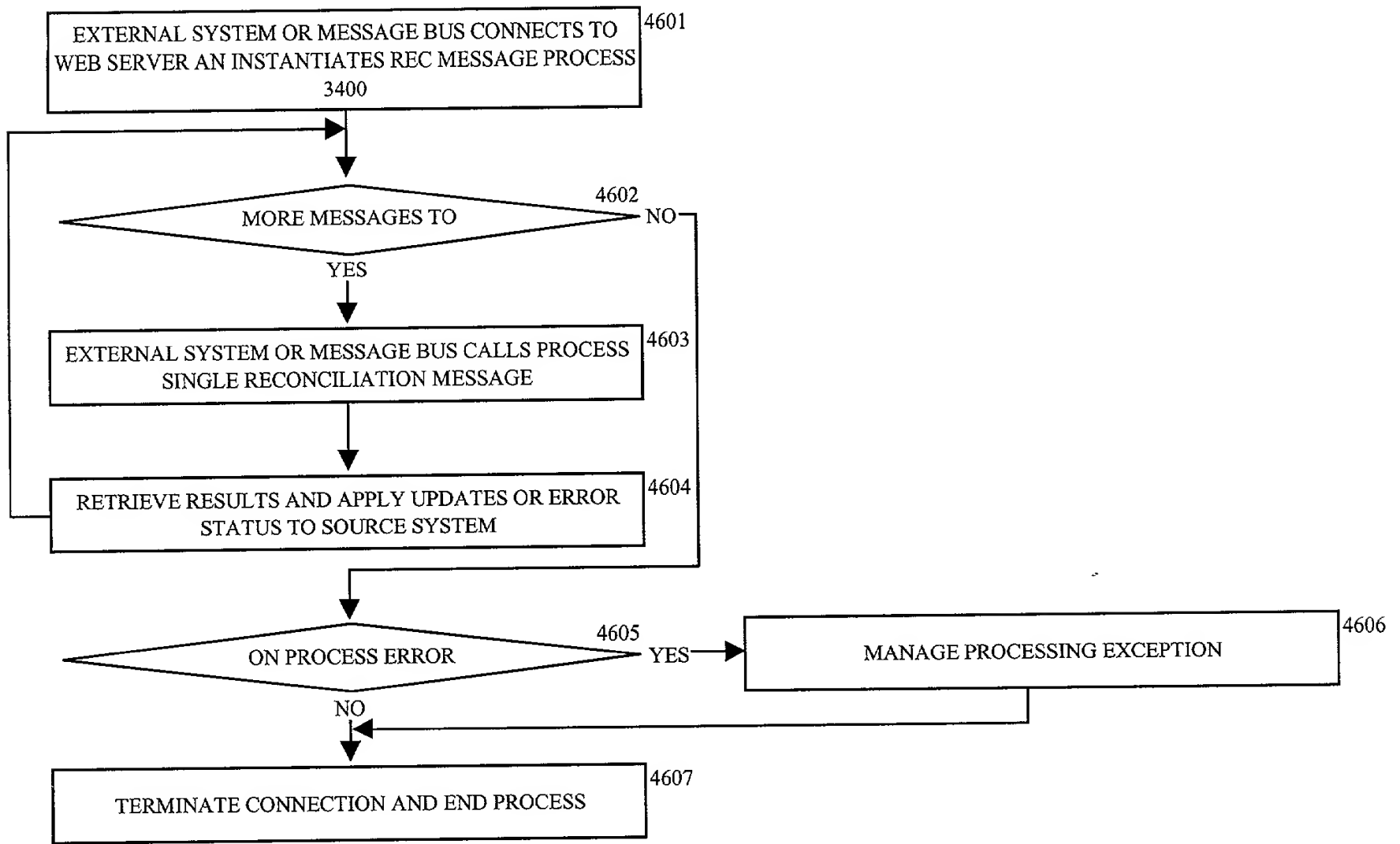


FIG. 46

DATA INTEGRATION PROCESSES
DIRECT DATA SOURCE LINK BASED DATA INTEGRATION

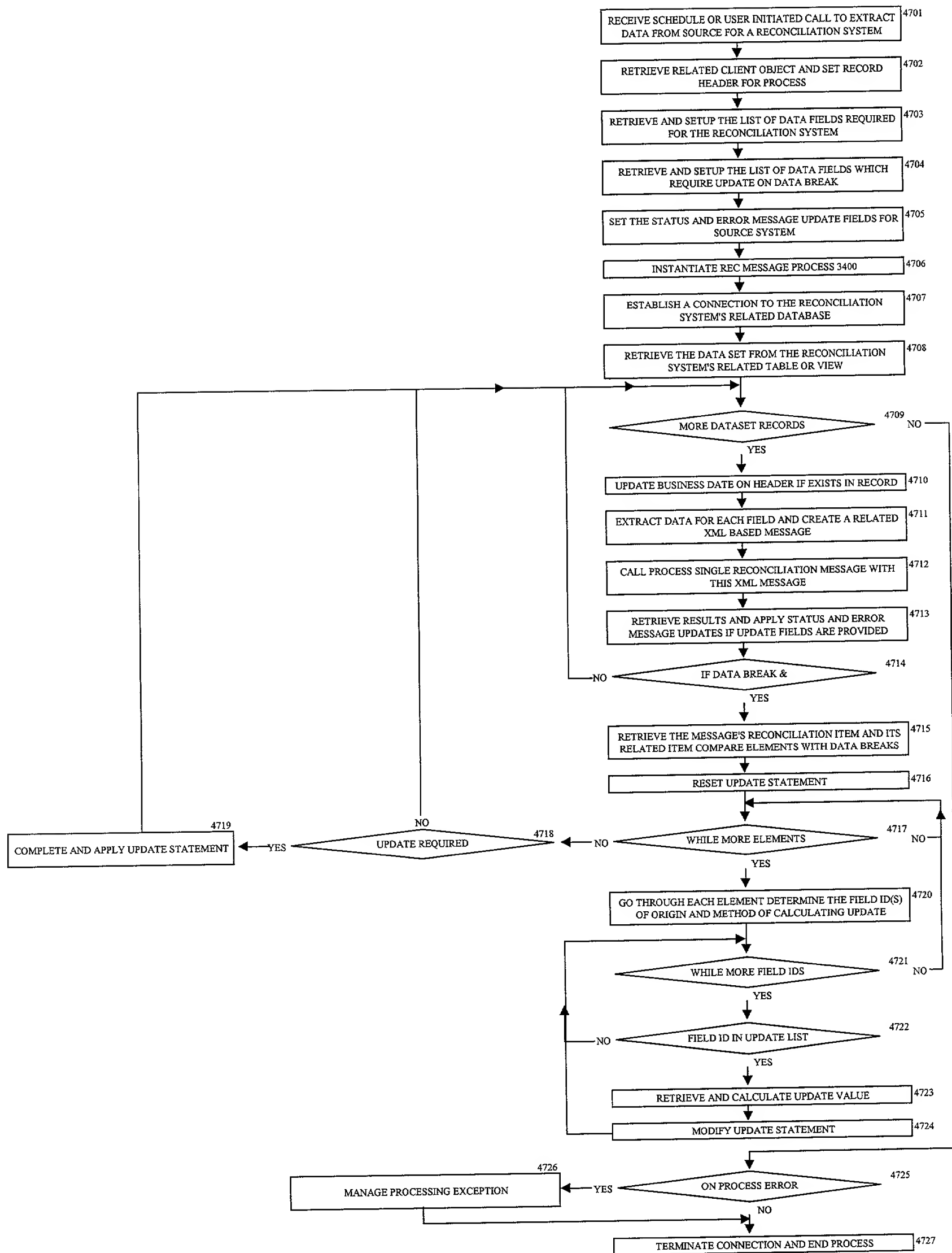


FIG. 47

DATA INTEGRATION PROCESSES
FILE BASED DATA INTEGRATION

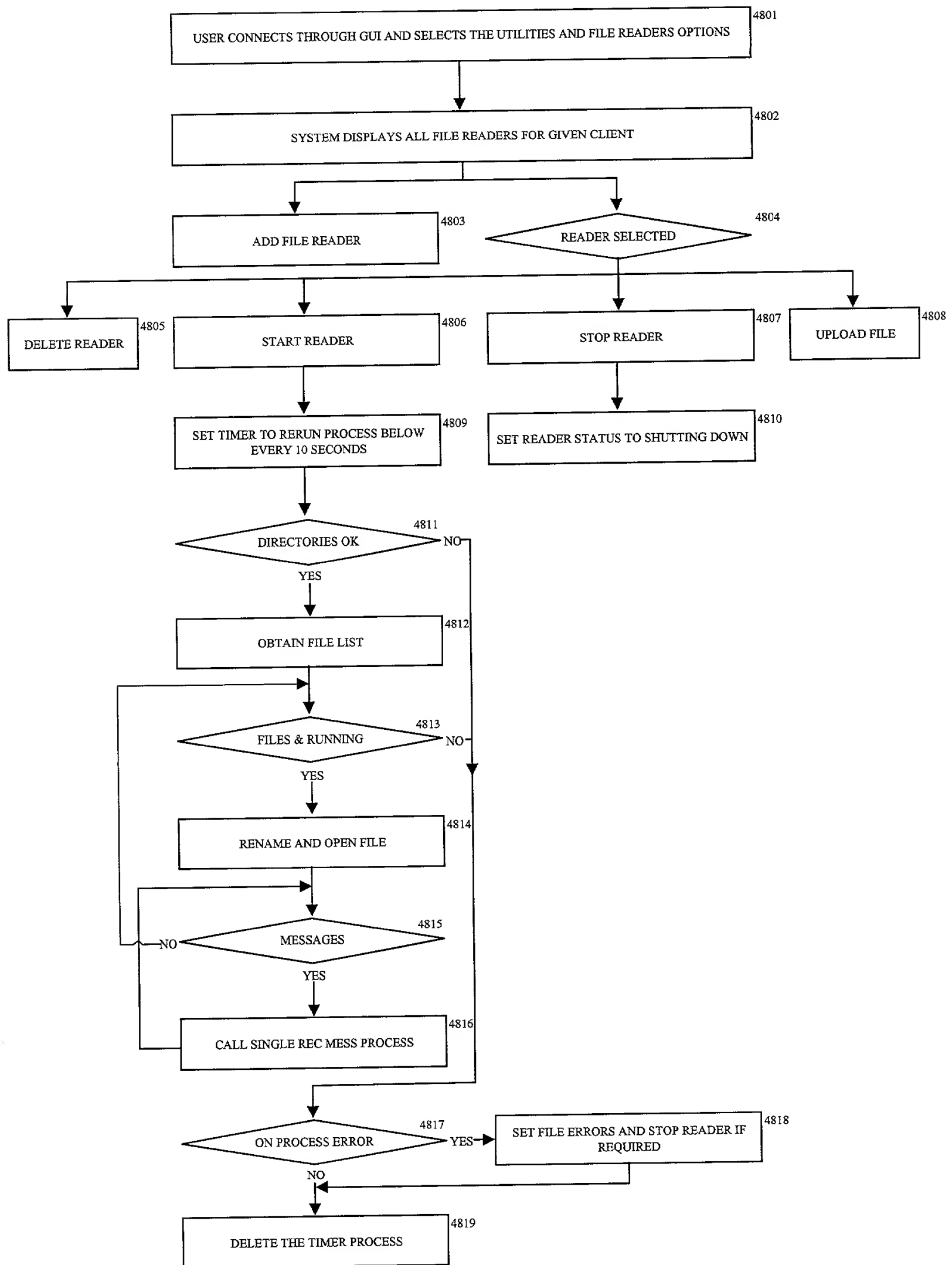


FIG. 48

USER DRIVEN DATA PROCESSES
DATA RETRIEVAL / REVIEW / UPDATE

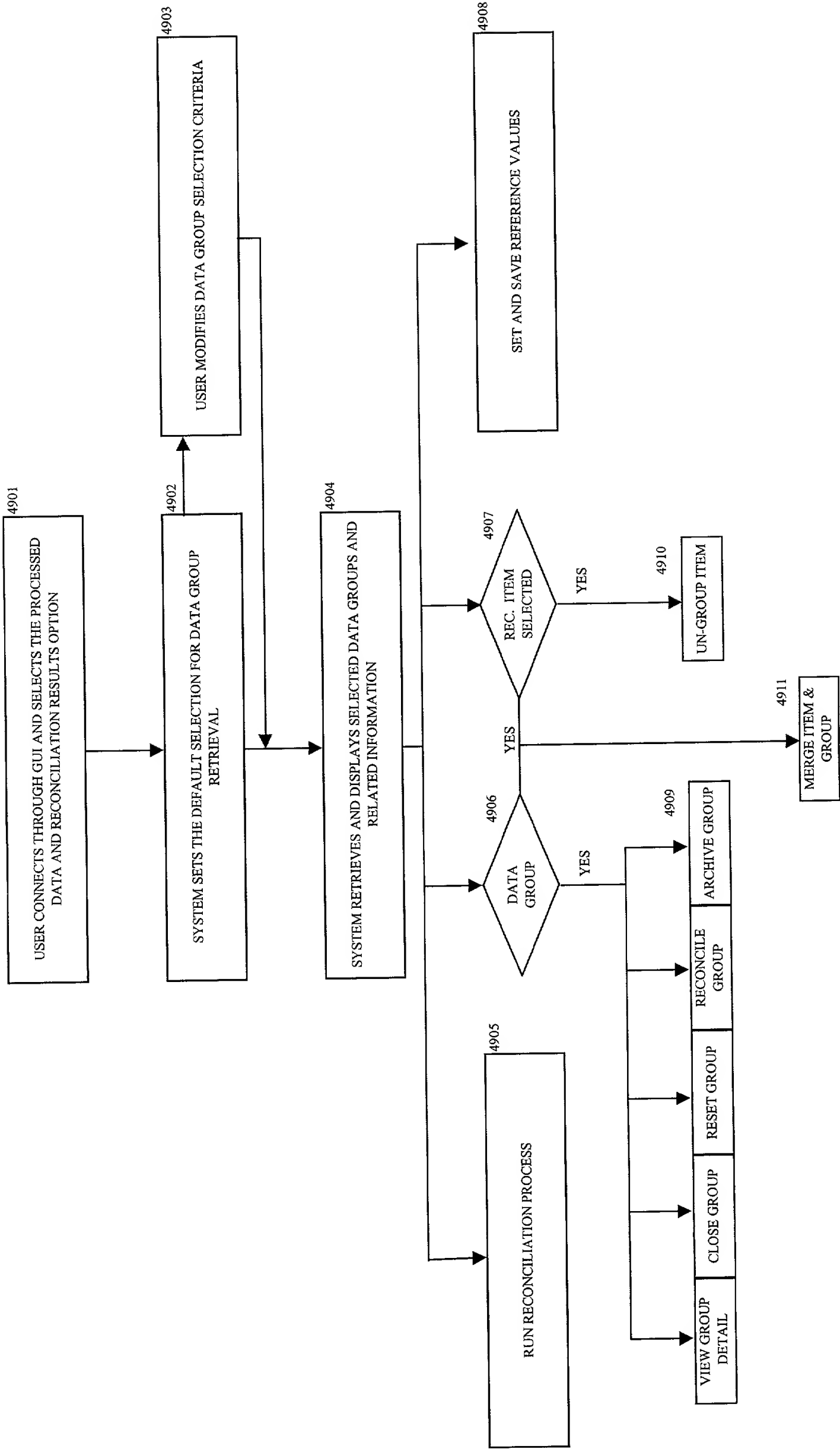


FIG. 49

USER DRIVEN DATA PROCESSES
REPORT CREATION / EXTRACTION / UPDATING

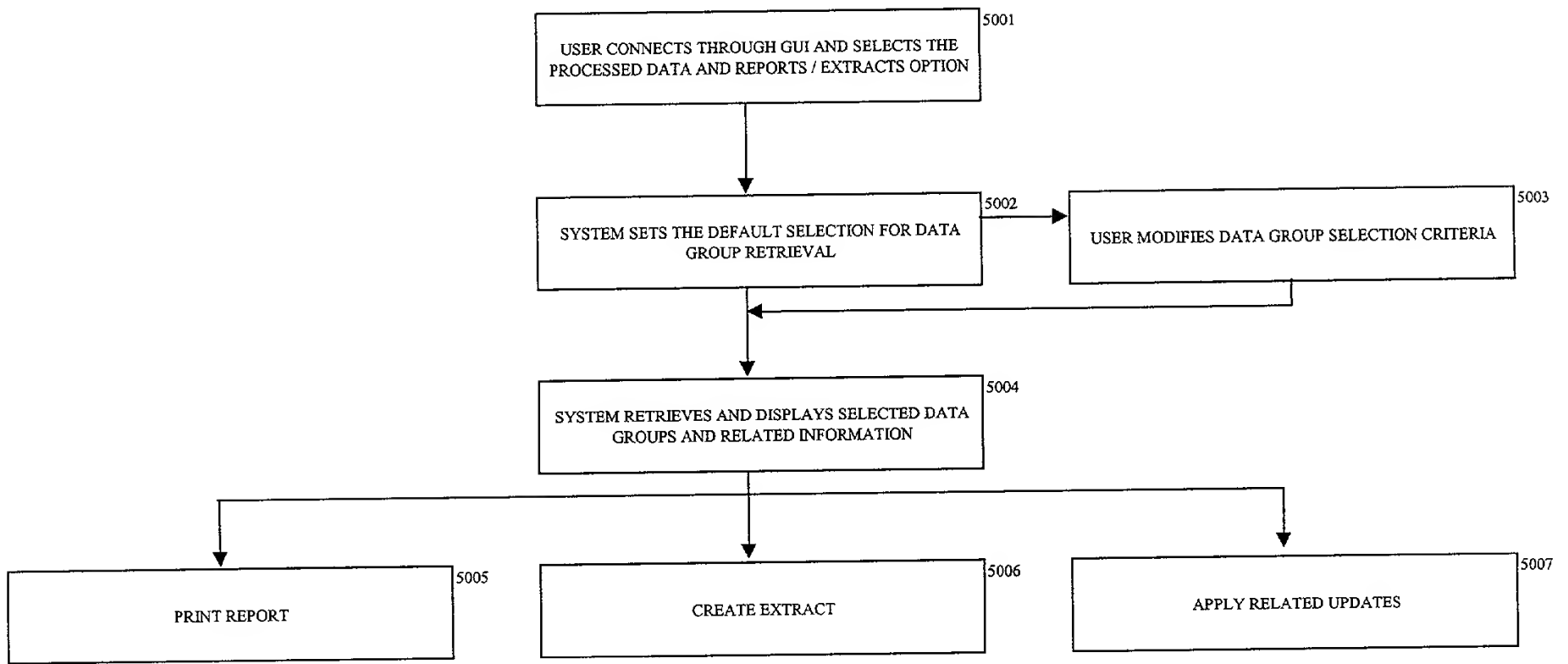


FIG. 50

USER DRIVEN DATA PROCESSES
CLIENT DETAIL MODIFICATION

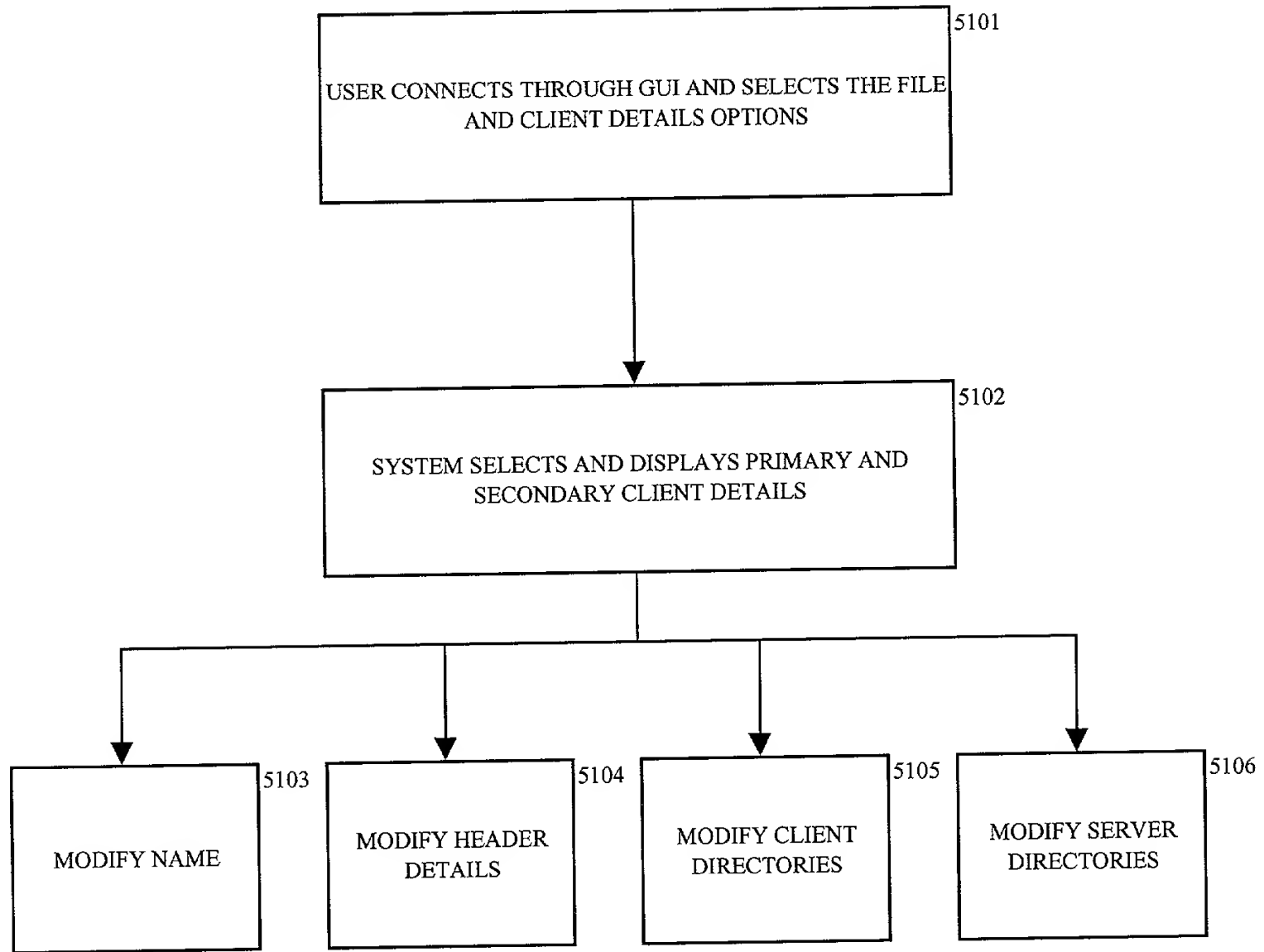


FIG. 51

USER DRIVEN DATA PROCESSES
USER ADD / DELETE / DETAIL MODIFICATION

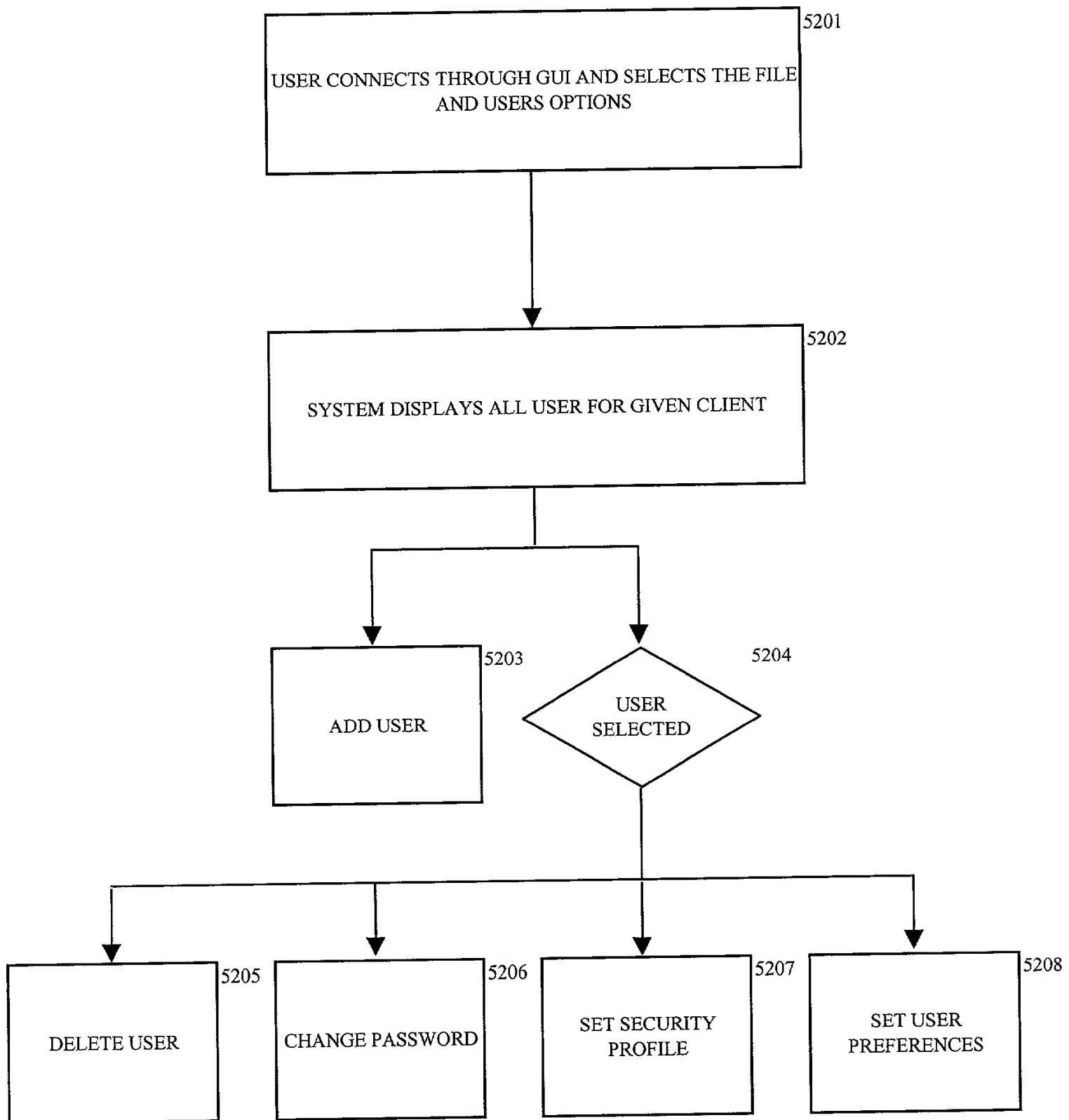


FIG. 52

ARCHIVE RELATED PROCESSES
MOVE DATA GROUP TO ARCHIVE

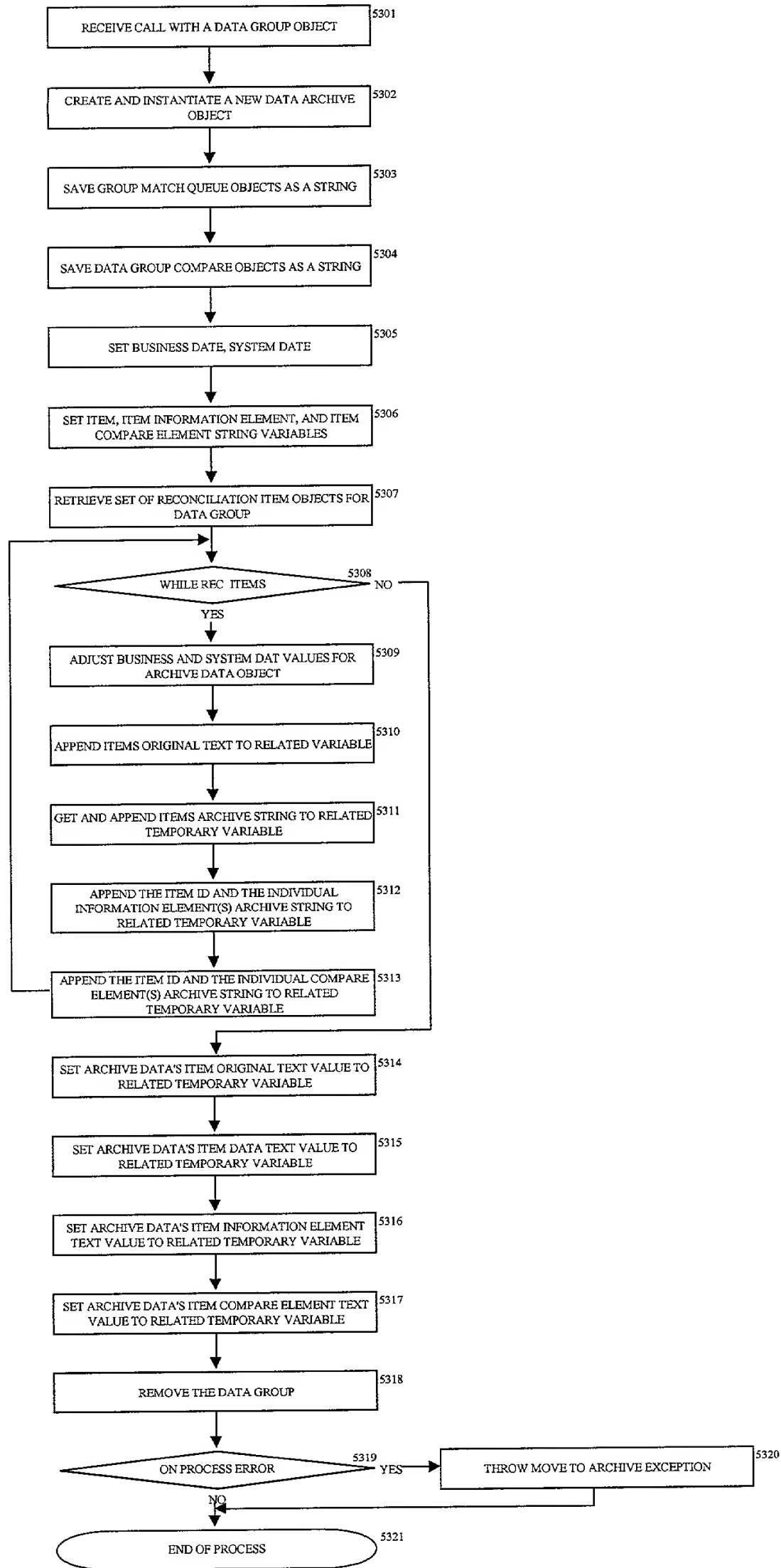


FIG. 53

ARCHIVE RELATED PROCESSES
RESTORE DATA GROUP FROM ARCHIVE

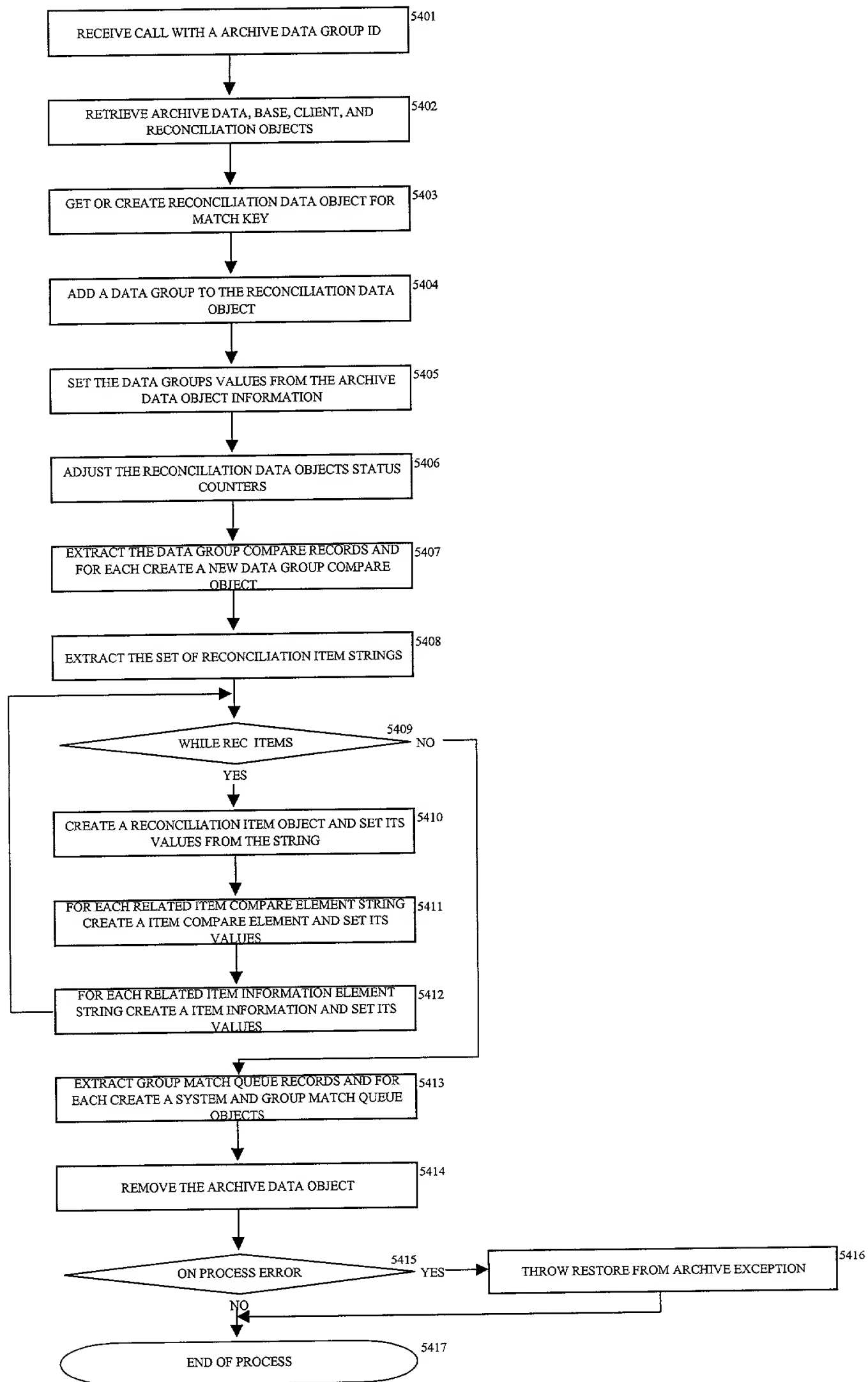


FIG. 54

USER DRIVEN DATA PROCESSES
ARCHIVE GROUP MANAGEMENT

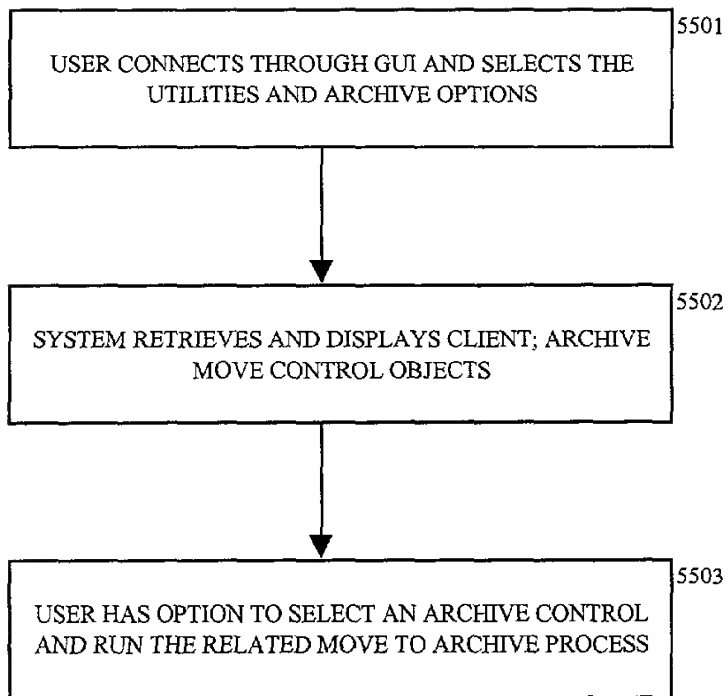


FIG. 55a

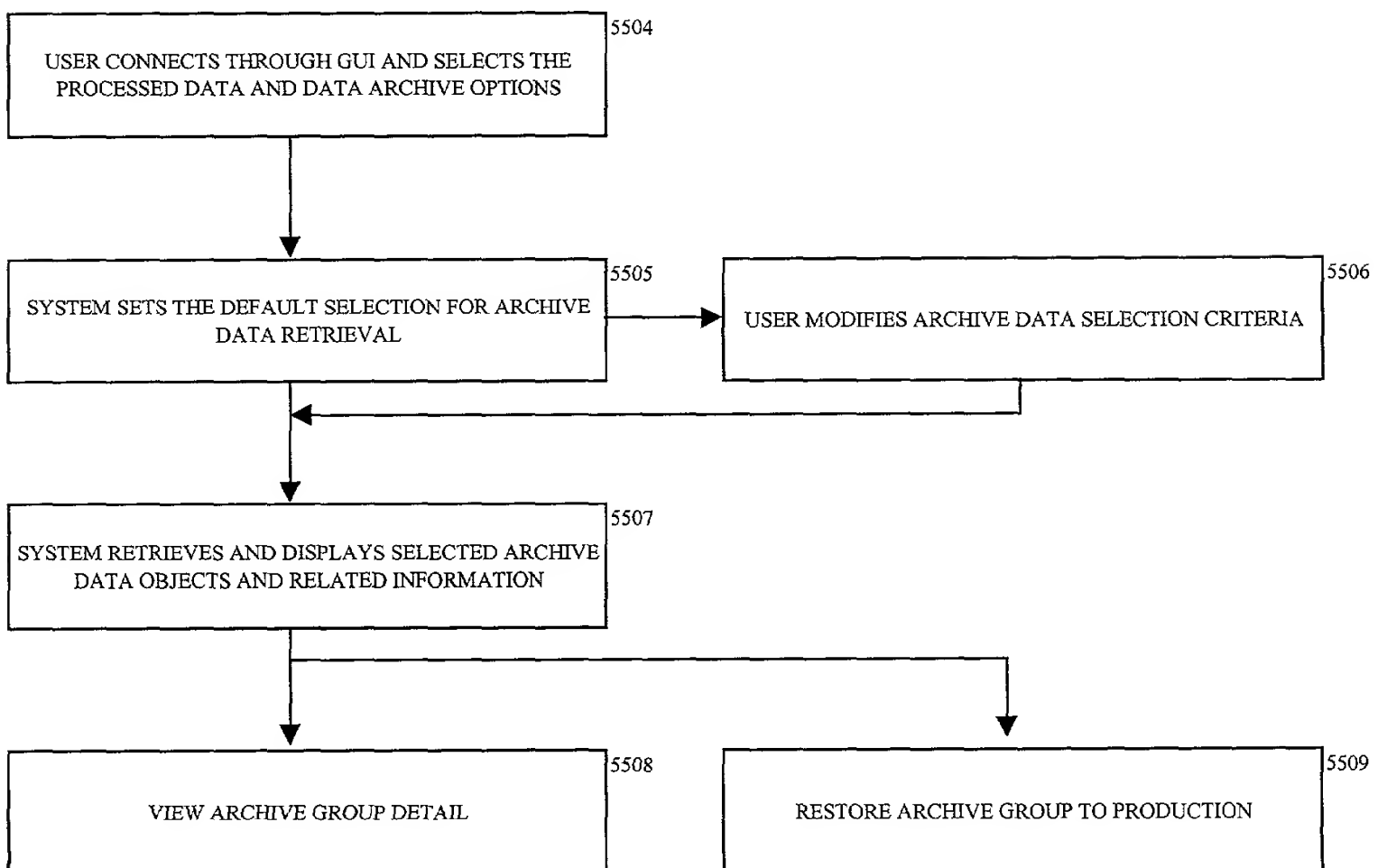


FIG. 55b

USER DRIVEN DATA PROCESSES
ERROR REVIEW AND MANAGEMENT

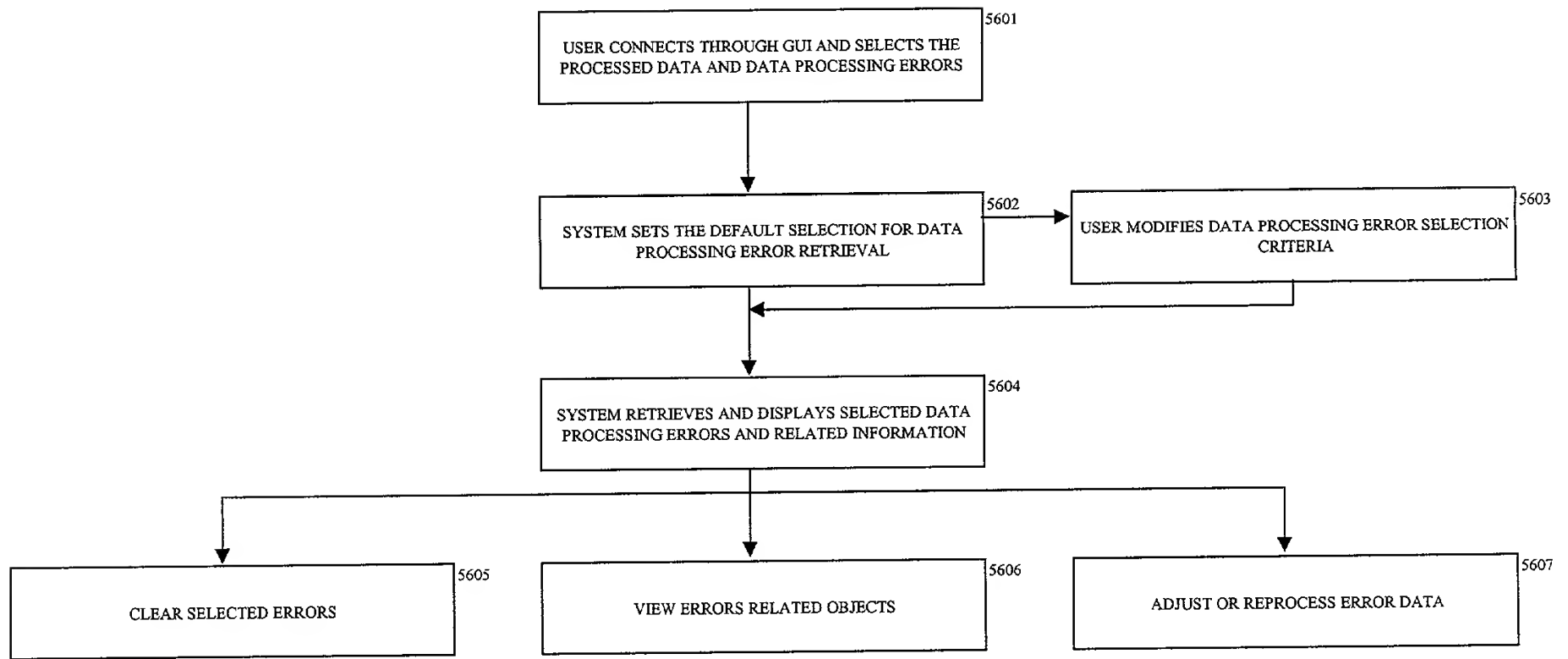


FIG. 56